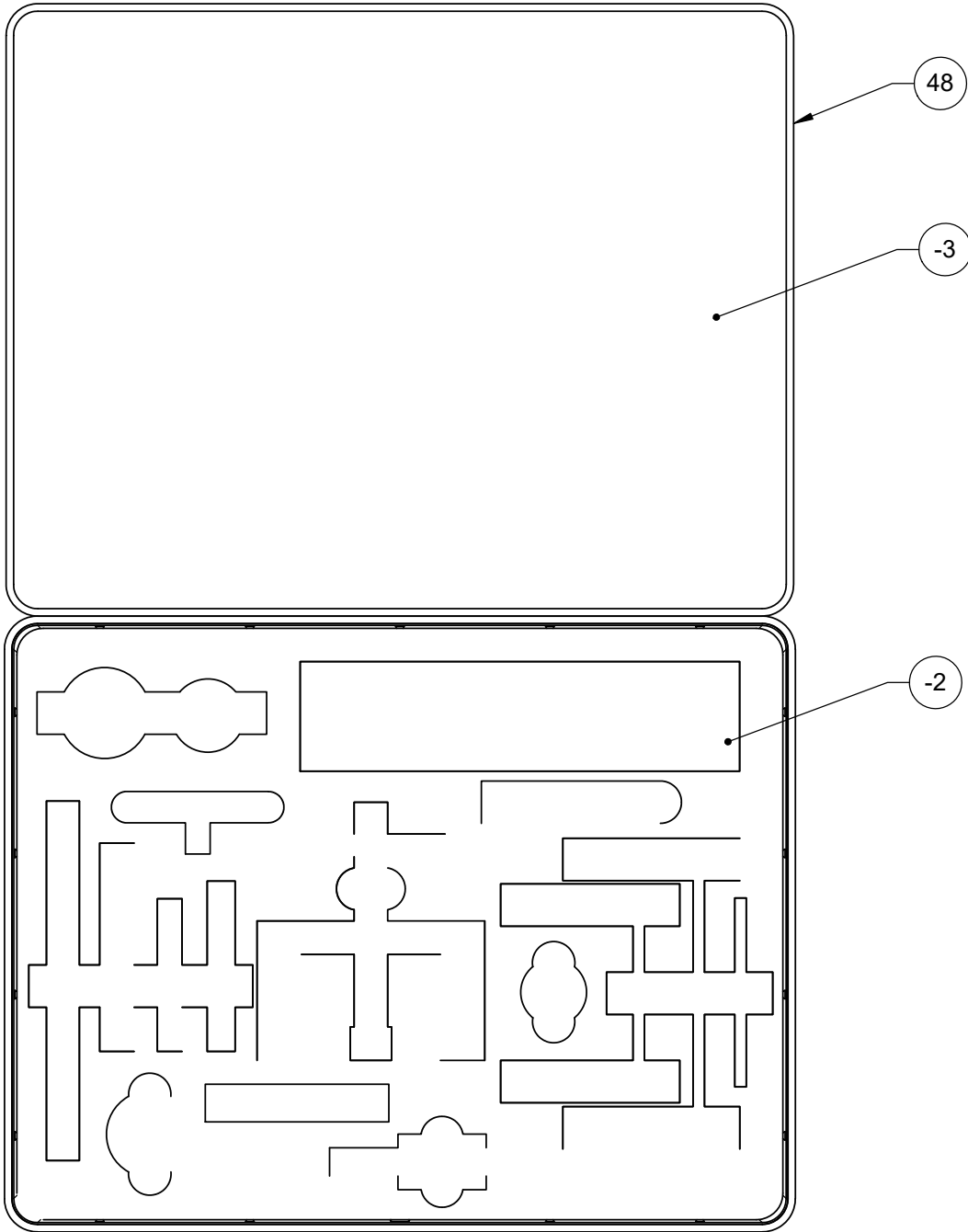




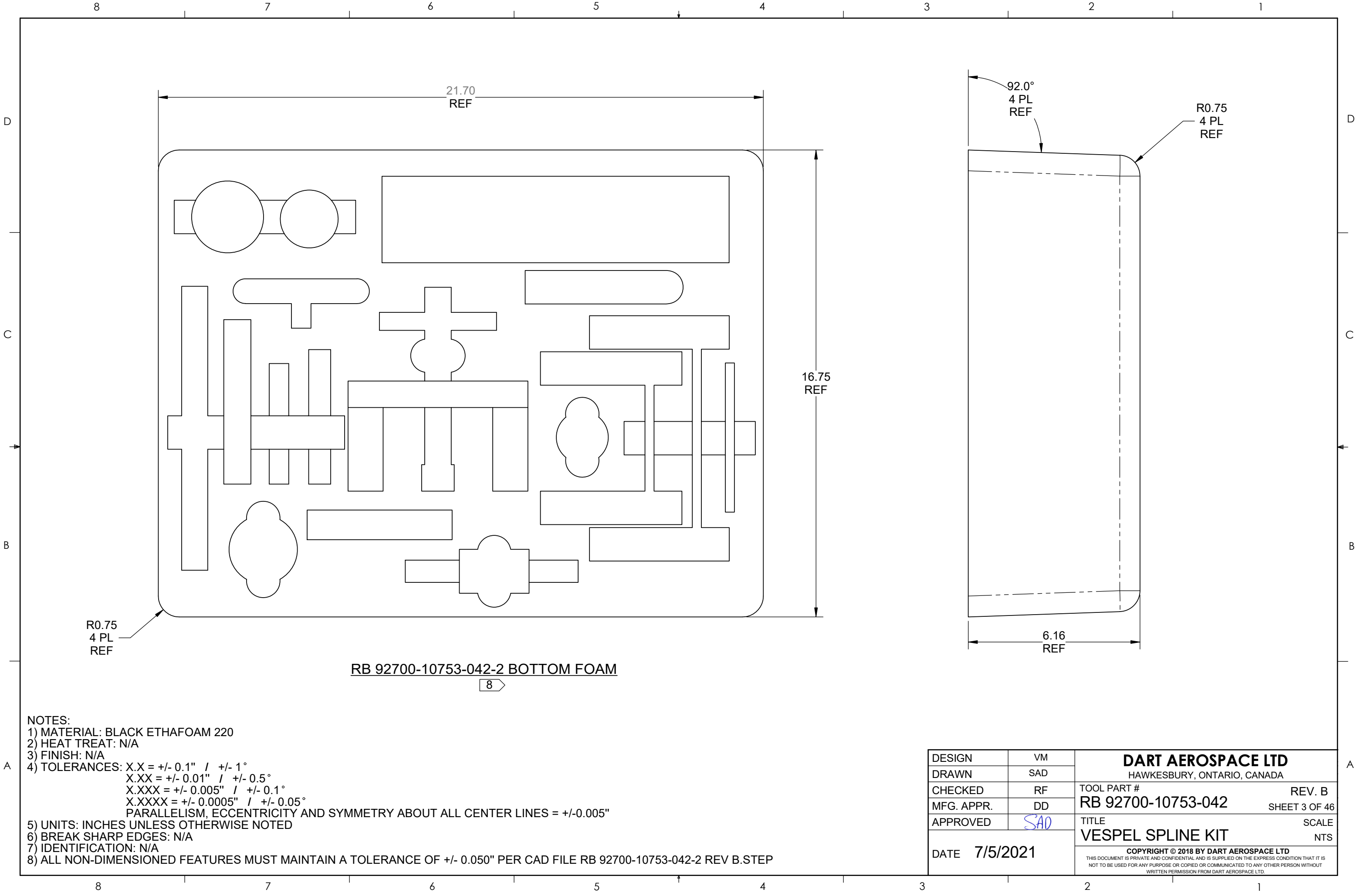
ITEM #	QTY	PART #	PART TITLE
-2	1	RB 92700-10753-042-2	BOTTOM FOAM
-3	1	RB 92700-10753-042-3	TOP FOAM
48	1	PELICAN #APP-1600-E	PELICAN CASE 1600

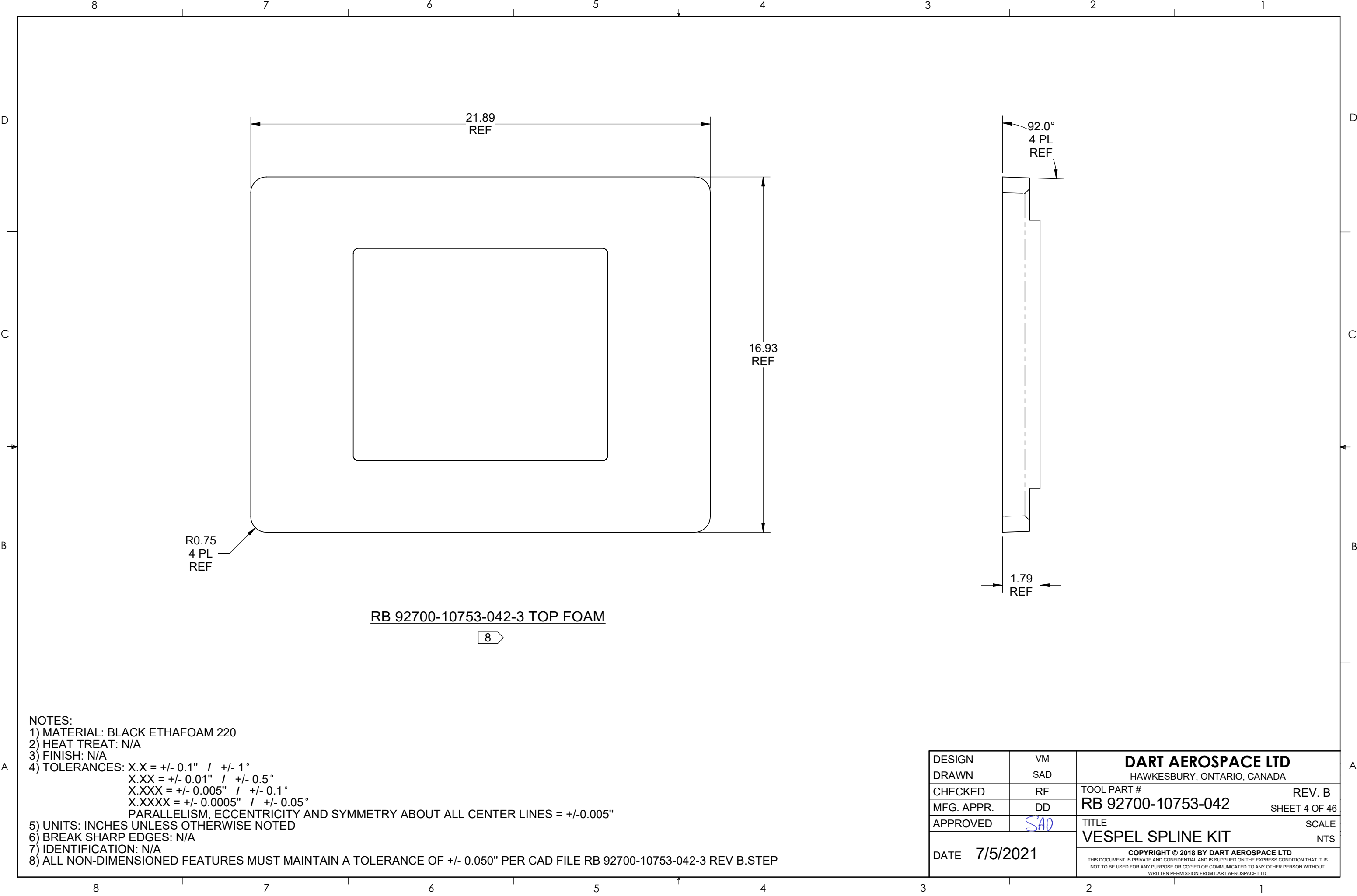


RB 92700-10753-042-1 PACKAGING ASSY

NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART # <b>RB 92700-10753-042</b>	REV. B SHEET 2 OF 46
MFG. APPR.	DD	TITLE <b>VESPEL SPLINE KIT</b> SCALE NTS	
APPROVED	SAD		
DATE <b>7/5/2021</b>		COPYRIGHT © 2018 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	





NOTES:  
1) MATERIAL: BLACK ETHAFOAM 220  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A  
8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RB 92700-10753-042-3 REV B.STEP

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 4 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
		<small>COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

ITEM #	QTY	PART #	PART TITLE
-5	1	RB 92700-10753-042-5	COMPRESSION SLEEVE
-6	1	RB 92700-10753-042-6	PIN
49	1	TRAKAR#C1067-107-0191 OR EQUIV	SPRING
50	2	McMaster#98381A435 OR EQUIV	STEEL DOWEL PIN 3/32" DIA. x 5/16" LG.
51	1	McMaster#91922A305 OR EQUIV	STEEL FLAT WASHER FOR 5/16" SCREW 0.593" OD x 0.324" ID.
52	1	McMaster#94895A030 OR EQUIV	STEEL HEX NUT 5/16"-18

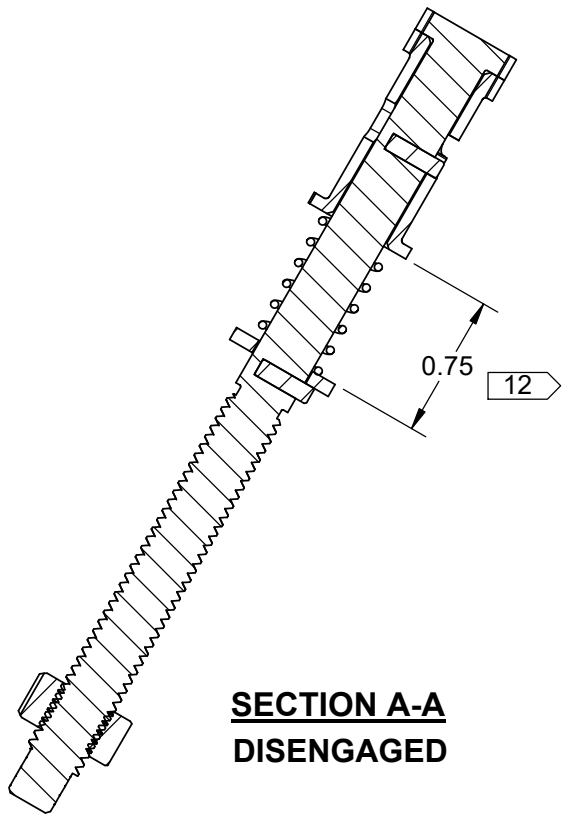
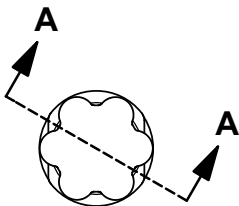
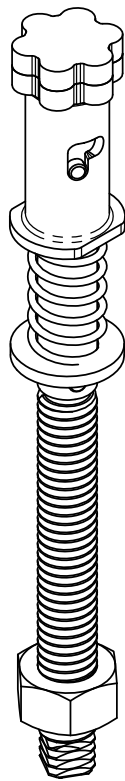
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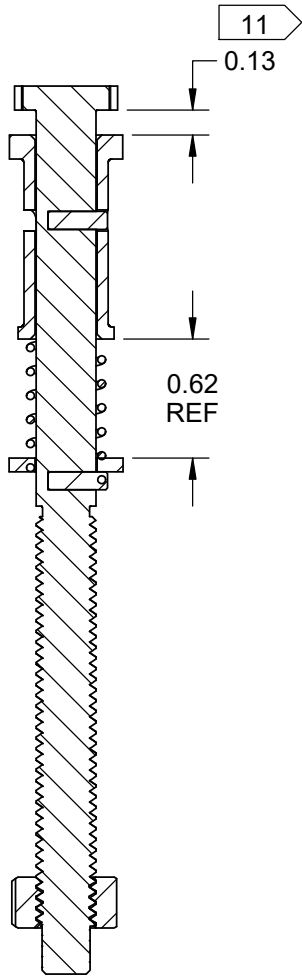
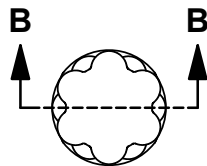
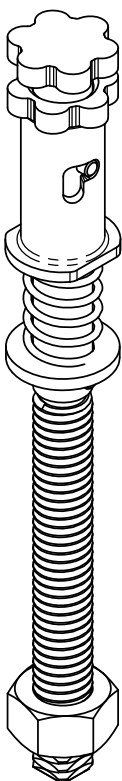
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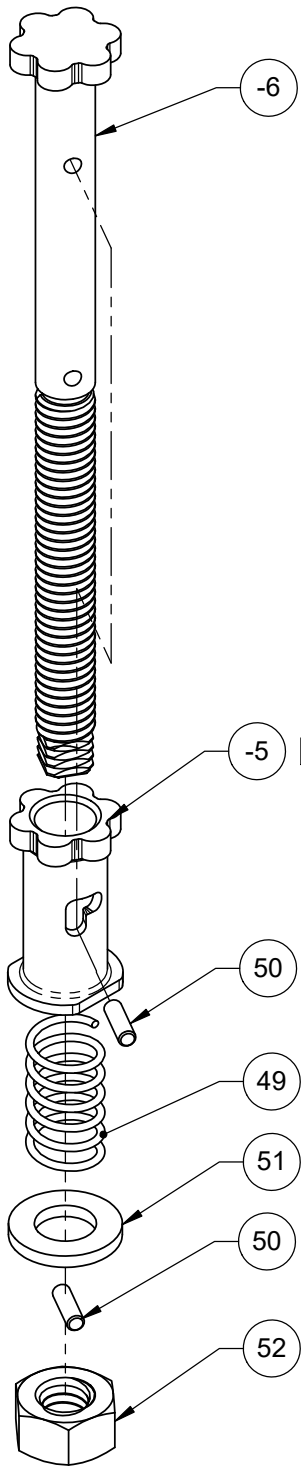
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SECTION A-A  
DISENGAGED



SECTION B-B  
ENGAGED



D

C

B

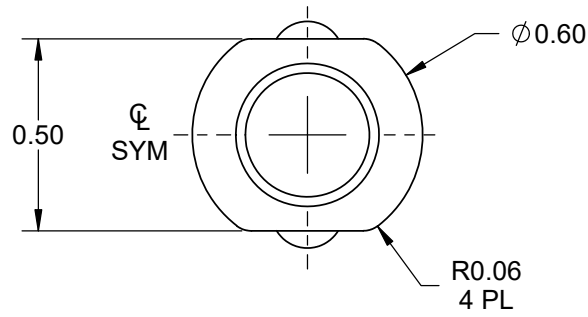
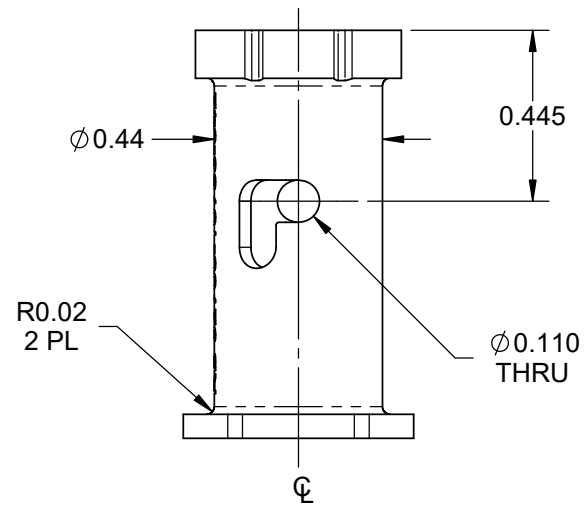
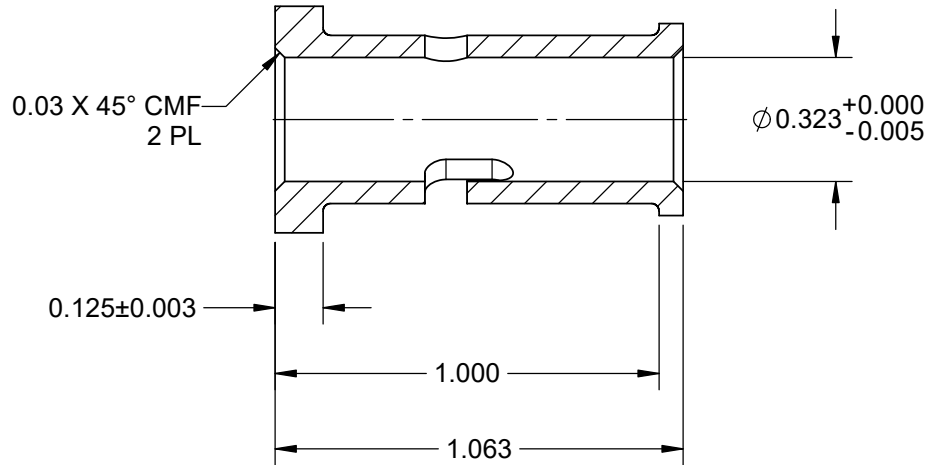
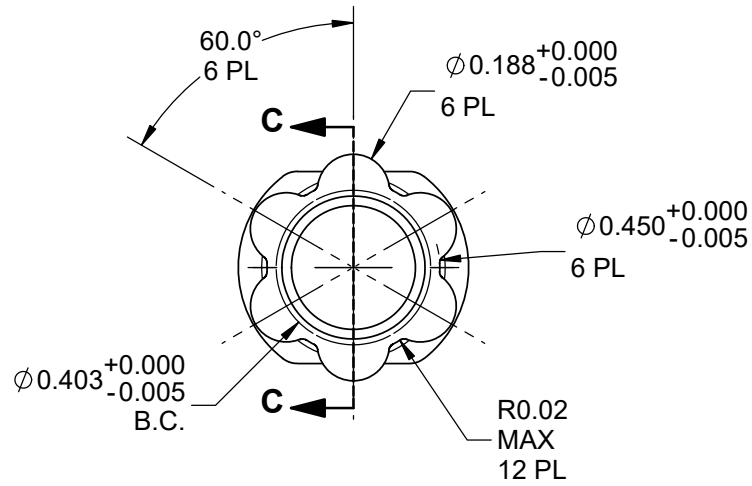
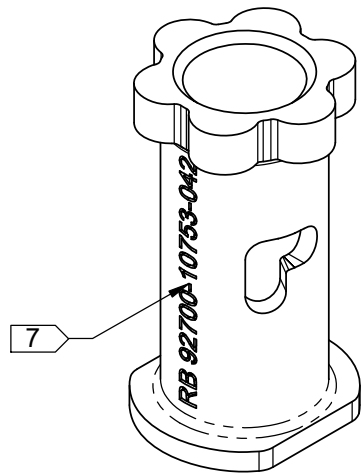
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- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: N/A
  - 7) IDENTIFICATION: N/A
  - 8) ASSEMBLE AS SHOWN
  - 9) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM 50 DOWEL PIN WITH ITEM -6 AND REMOVE EXCESS
  - 10) ITEM -5 MUST MOVE FREELY
  - 11) MUST HAVE THIS DIMENSION WHEN THE TOOL IS ENGAGED AND THE TEETH ARE UNALIGNED
  - 12) MUST HAVE THIS DIMENSION WHEN THE TOOL IS NOT ENGAGED AND THE THEETH ARE ALIGNED
  - 13) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG3

RB 92700-10753-042-4 SMALL REMOVAL ASSEMBLY

13

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 5 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VESPEL SPLINE KIT	NTS
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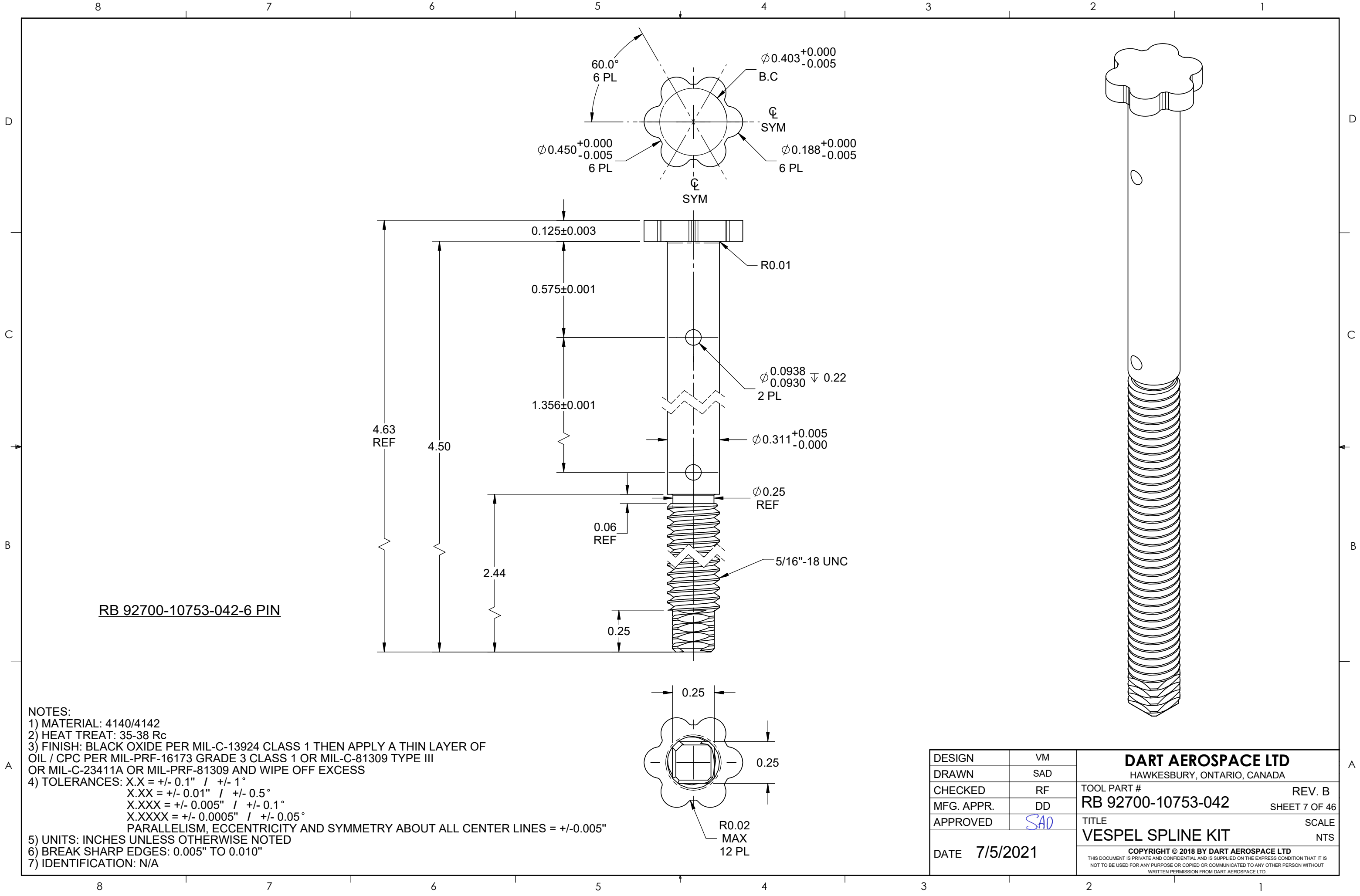


**RB 92700-10753-042-5 COMPRESSION SLEEVE**

8

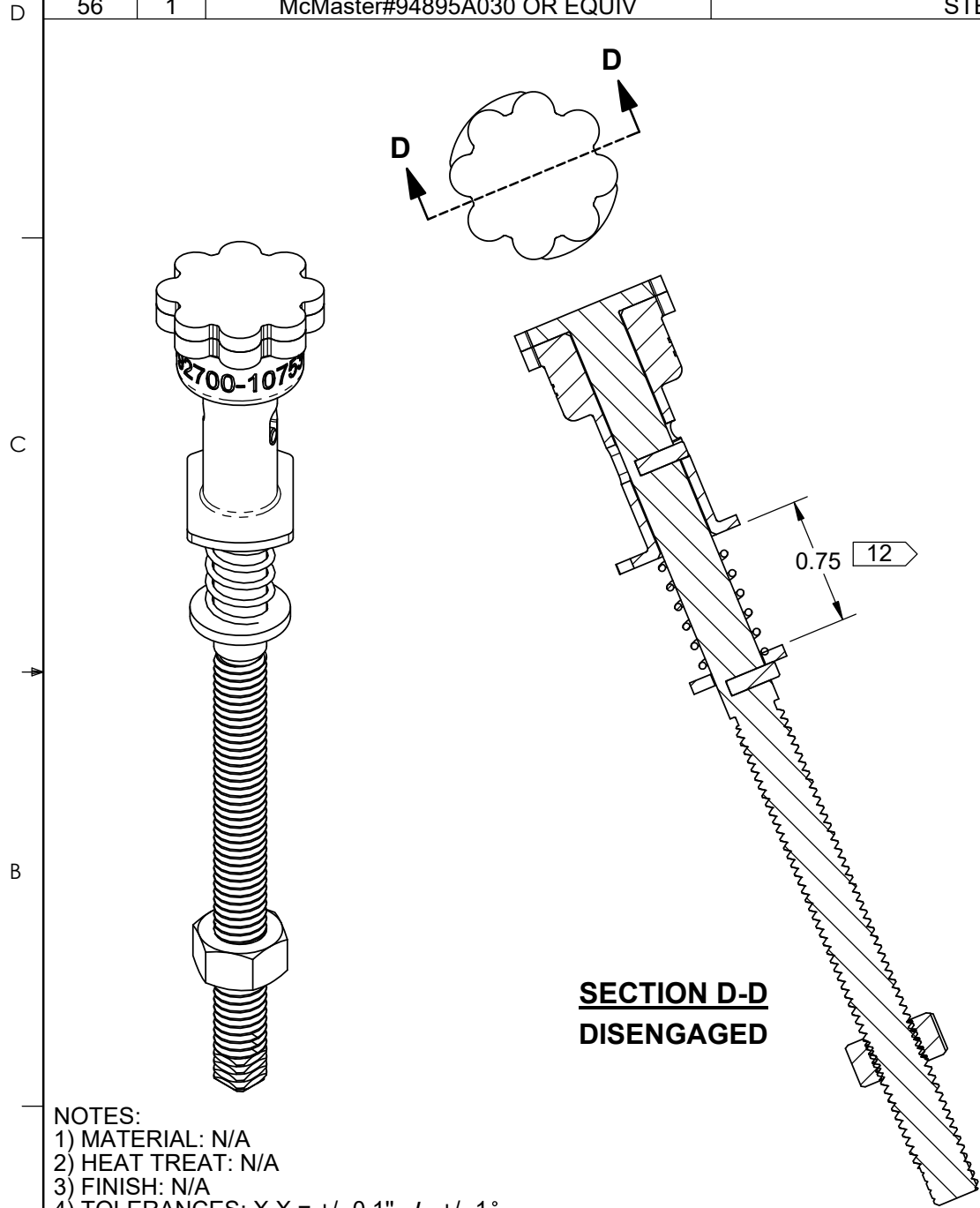
NOTES:  
1) MATERIAL: 4140/4142  
2) HEAT TREAT: 35-38 Rc  
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN  
8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RB 92700-10753-042-5 REV B.STEP

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 6 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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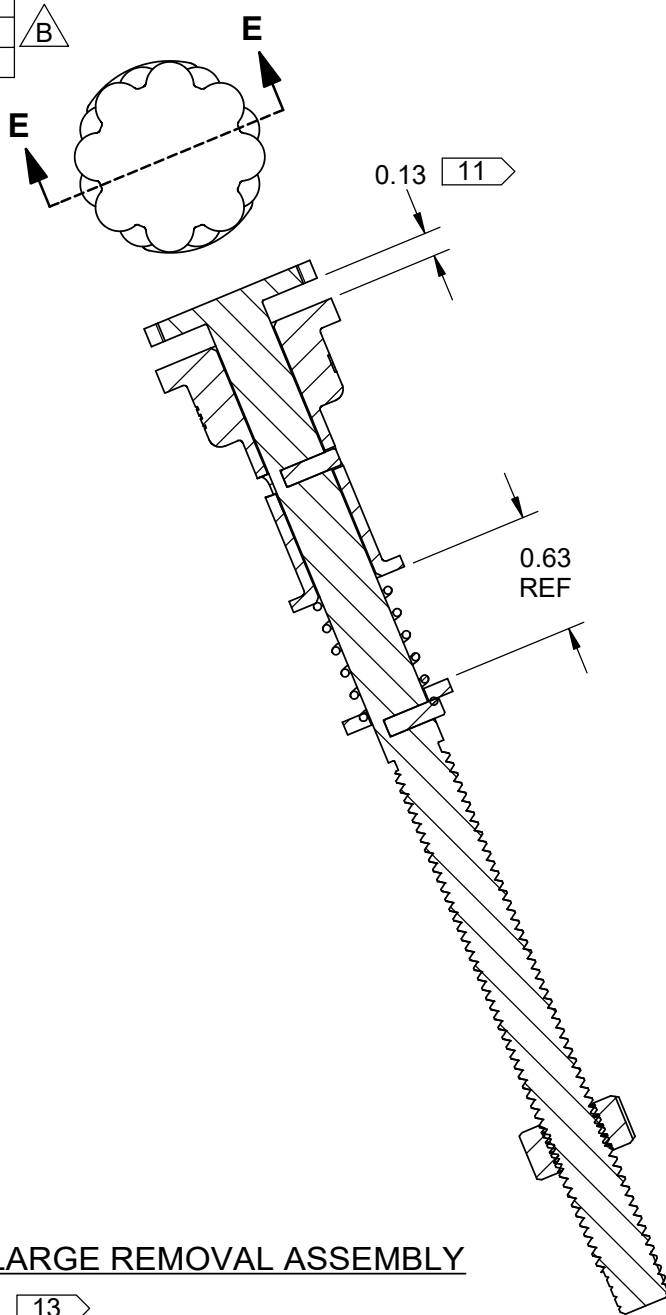
ITEM #	QTY	PART #	PART TITLE
-8	1	RB 92700-10753-042-8	PIN
-9	1	RB 92700-10753-042-9	COMPRESSION SLEEVE
53	1	TRAKAR#C1067-107-0191 OR EQUIV	SPRING
54	1	McMaster#91922A305 OR EQUIV	STEEL FLAT WASHER FOR 5/16" SCREW 0.593" OD x 0.324" ID.
55	2	McMaster#98381A435 OR EQUIV	STEEL DOWEL PIN 3/32" DIA. x 5/16" LG.
56	1	McMaster#94895A030 OR EQUIV	STEEL HEX NUT 5/16"-18



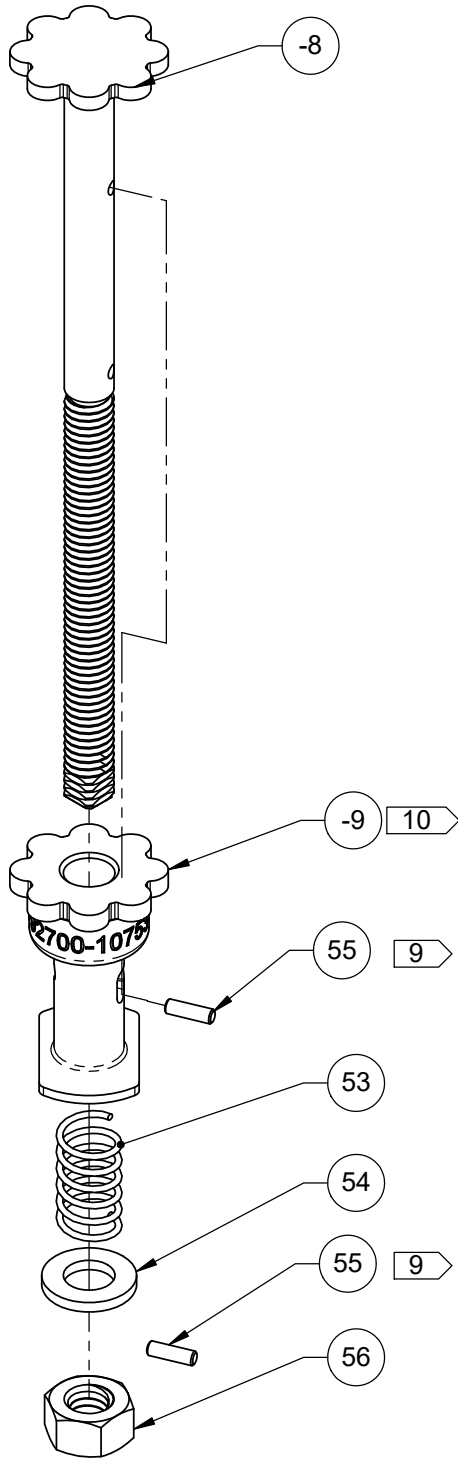
**SECTION D-D  
DISENGAGED**

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: N/A
  - 7) IDENTIFICATION: N/A
  - 8) ASSEMBLE AS SHOWN
  - 9) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEMS 55 DOWEL PIN WITH ITEM -8 AND REMOVE EXCESS
  - 10) ITEM -9 MUST MOVE FREELY
  - 11) MUST HAVE THIS DIMENSION WHEN THE TOOL IS ENGAGED AND THE TEETH ARE UNALIGNED
  - 12) MUST HAVE THIS DIMENSION WHEN THE TOOL IS NOT ENGAGED AND THE THEETH ARE ALIGNED
  - 13) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

**RB 92700-10753-042-7 LARGE REMOVAL ASSEMBLY**



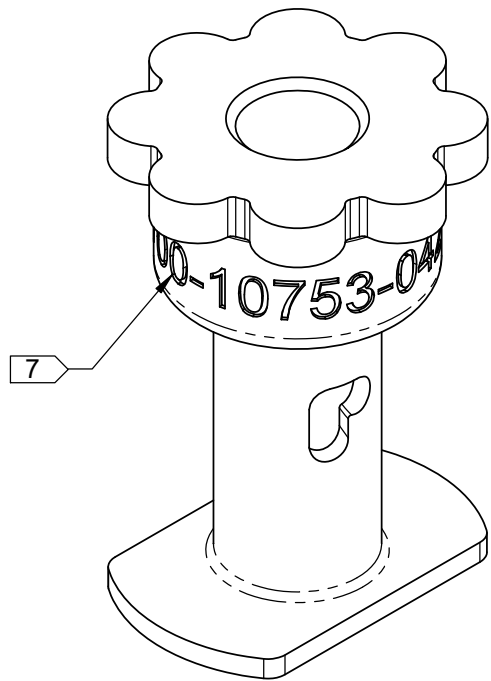
**SECTION E-E  
ENGAGED**



DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 8 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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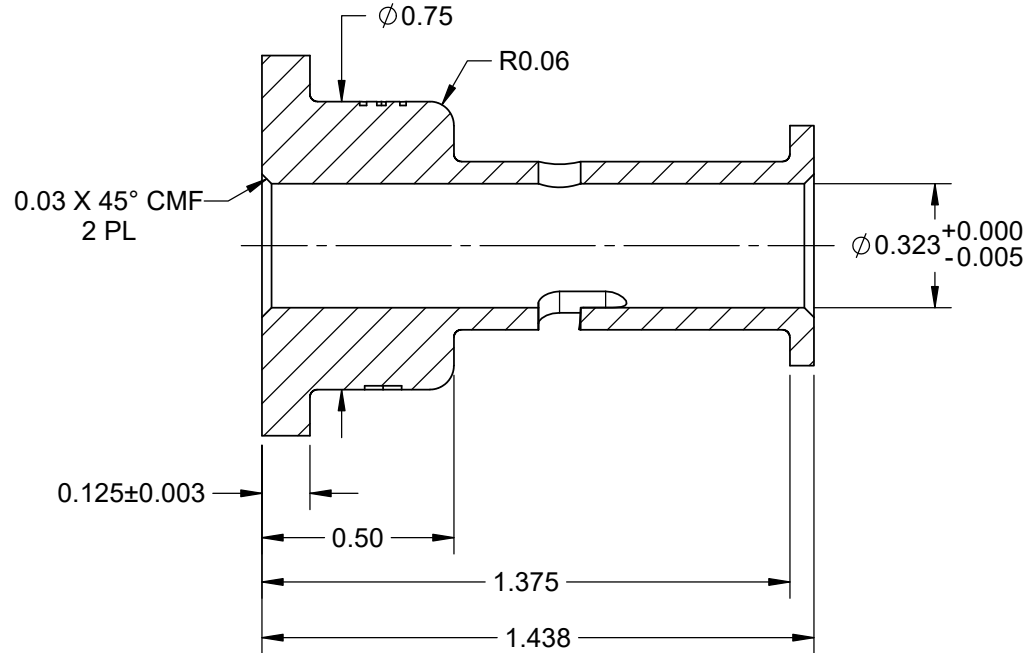
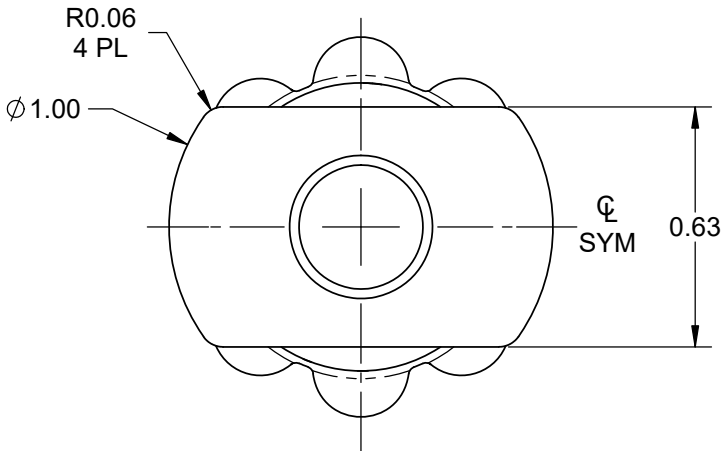
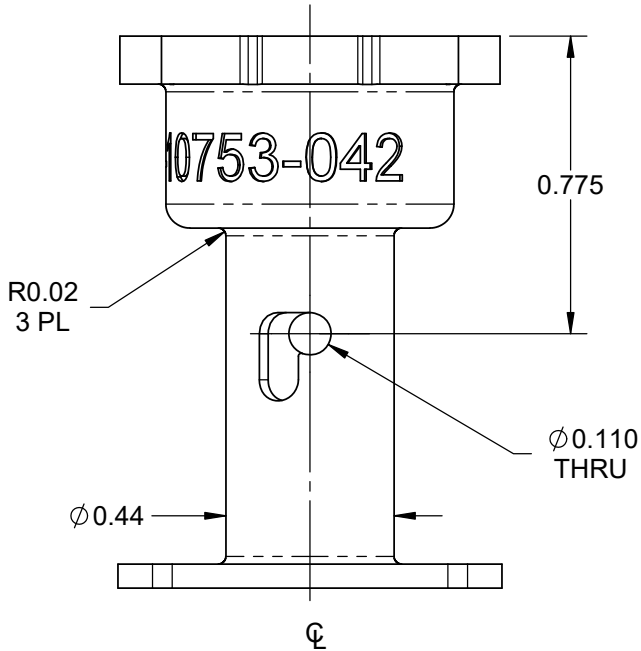
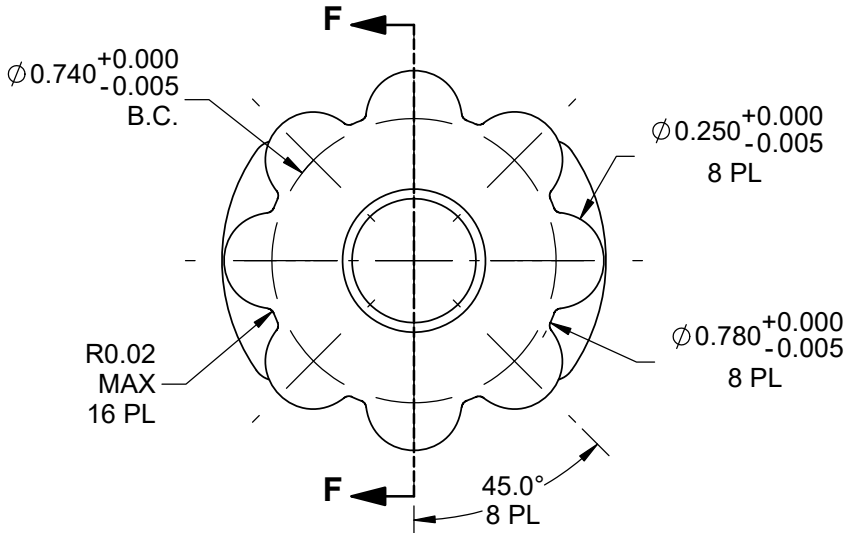






RB 92700-10753-042-9 COMPRESSION SLEEVE

8



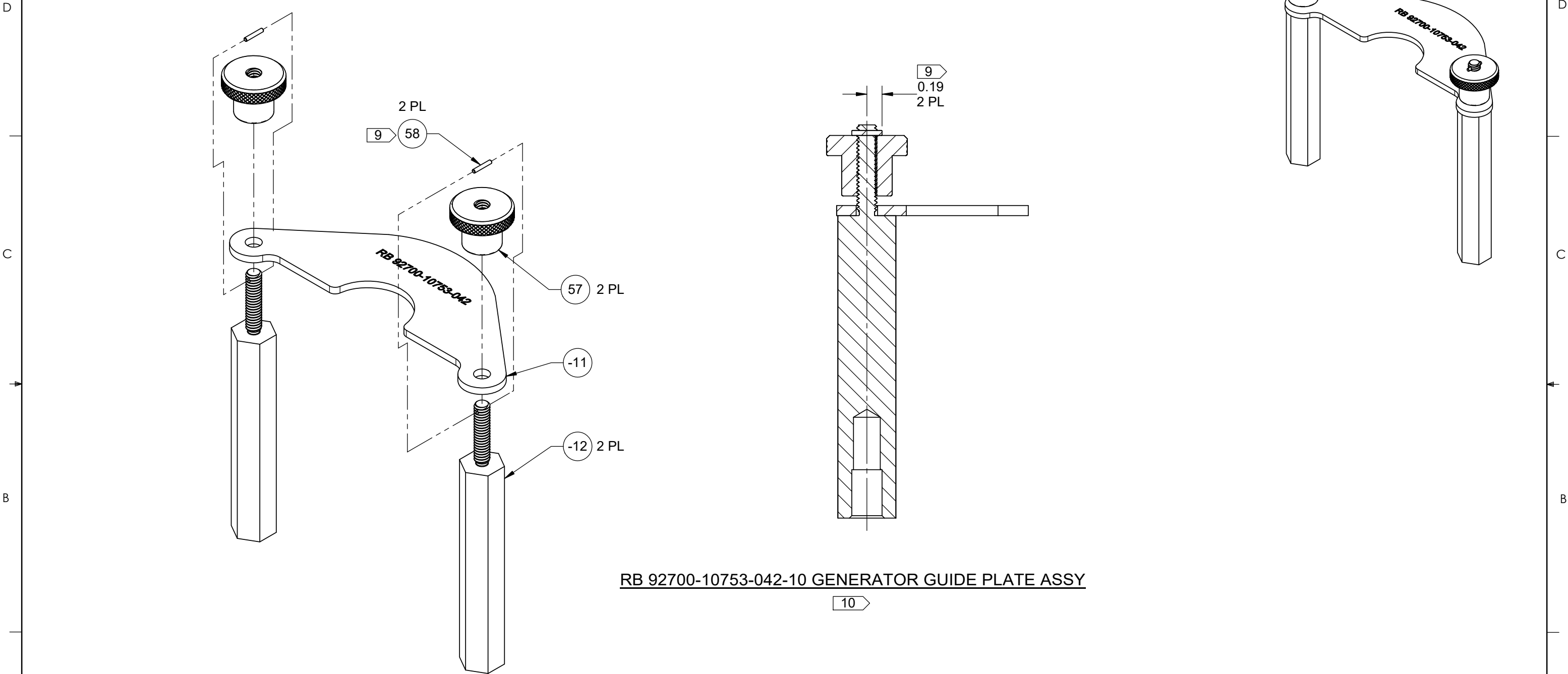
SECTION F-F

NOTES:

- 1) MATERIAL: 4140/4142 (28-32 RC)
- 2) HEAT TREAT: 35-38 Rc
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN
- 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RB 92700-10753-042-9 REV B.STEP

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 10 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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ITEM #	QTY	PART #	PART TITLE
-11	1	RB 92700-10753-042-11	PLATE
-12	2	RB 92700-10753-042-12	LEG
57	2	McMaster#6121K311 OR EQUIV	STEEL KNOB 1/4"-20 THREADED THRU HOLE
58	2	McMaster#98381A417 OR EQUIV	STEEL DOWEL PIN 1/16" DIA. x 3/8" LG.

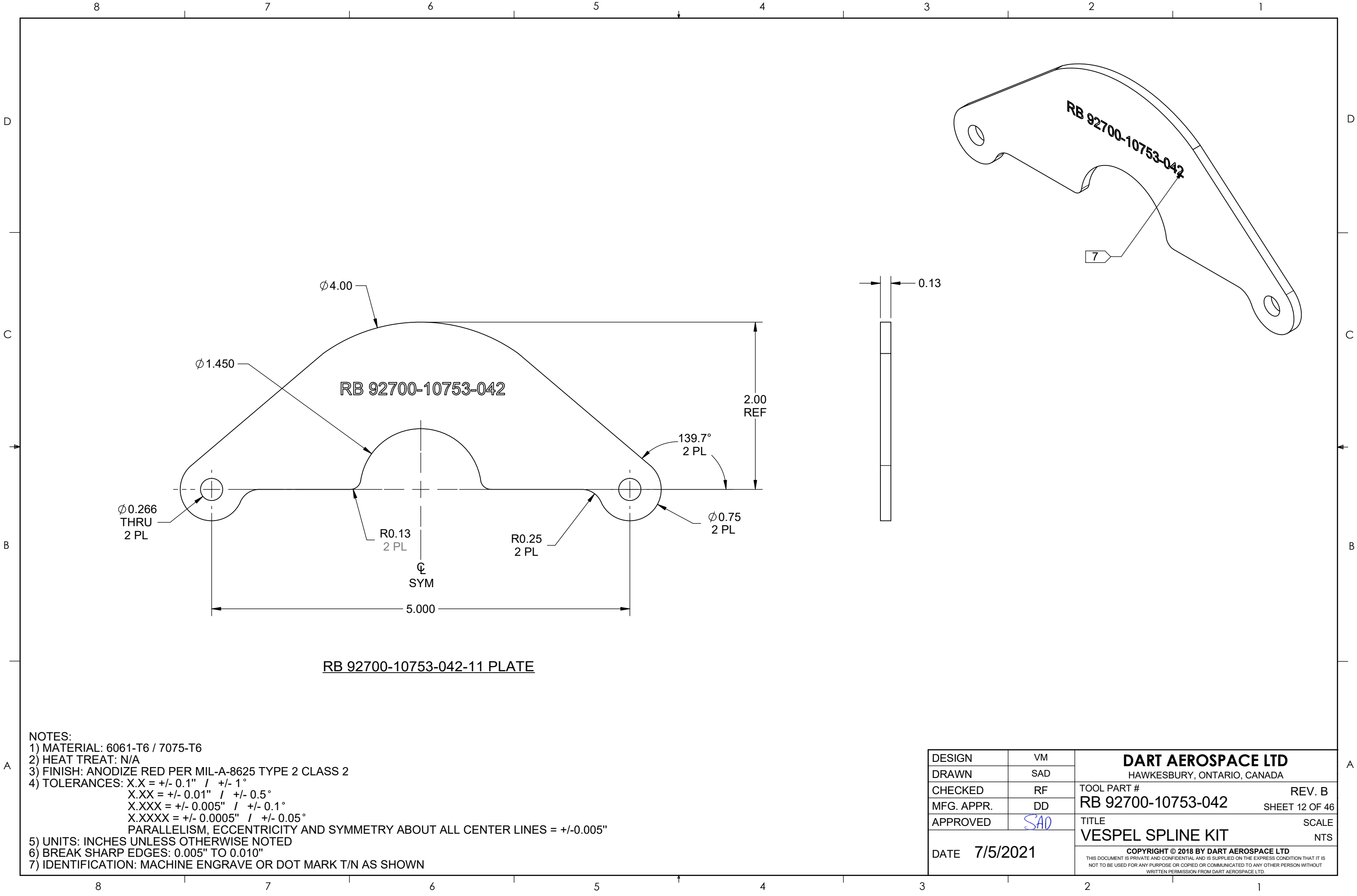


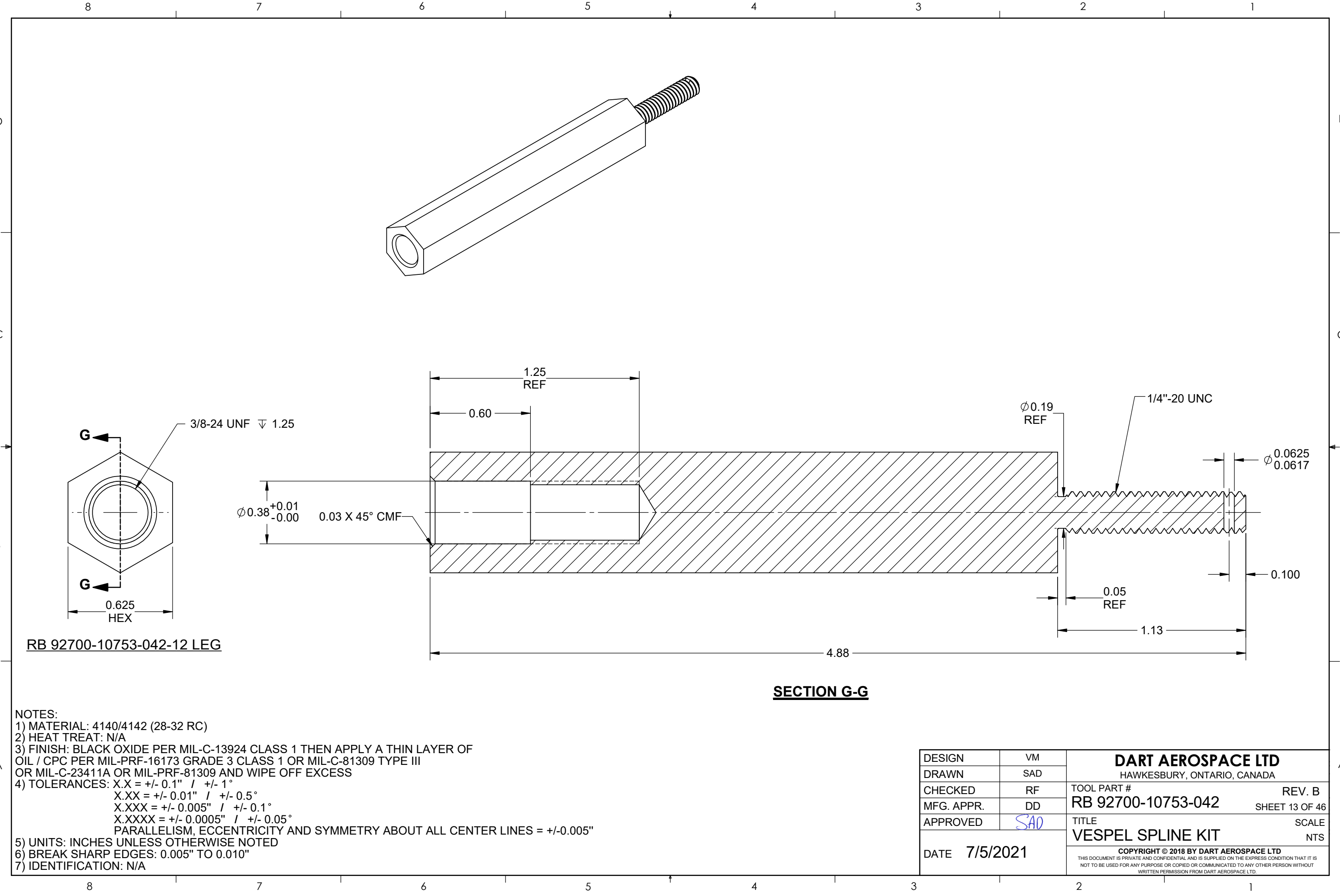
RB 92700-10753-042-10 GENERATOR GUIDE PLATE ASSY

NOTES:

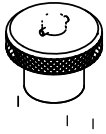
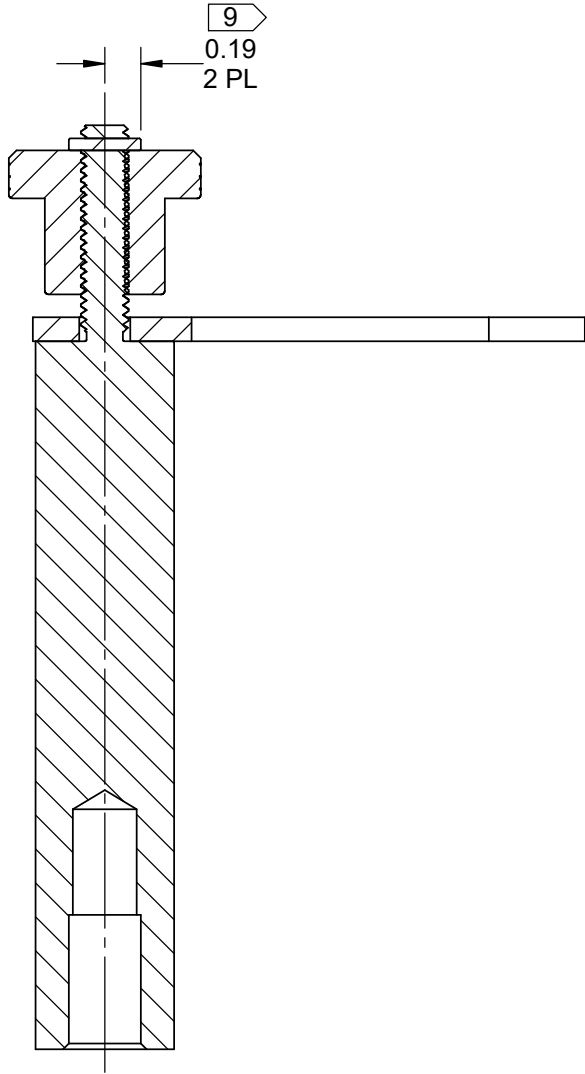
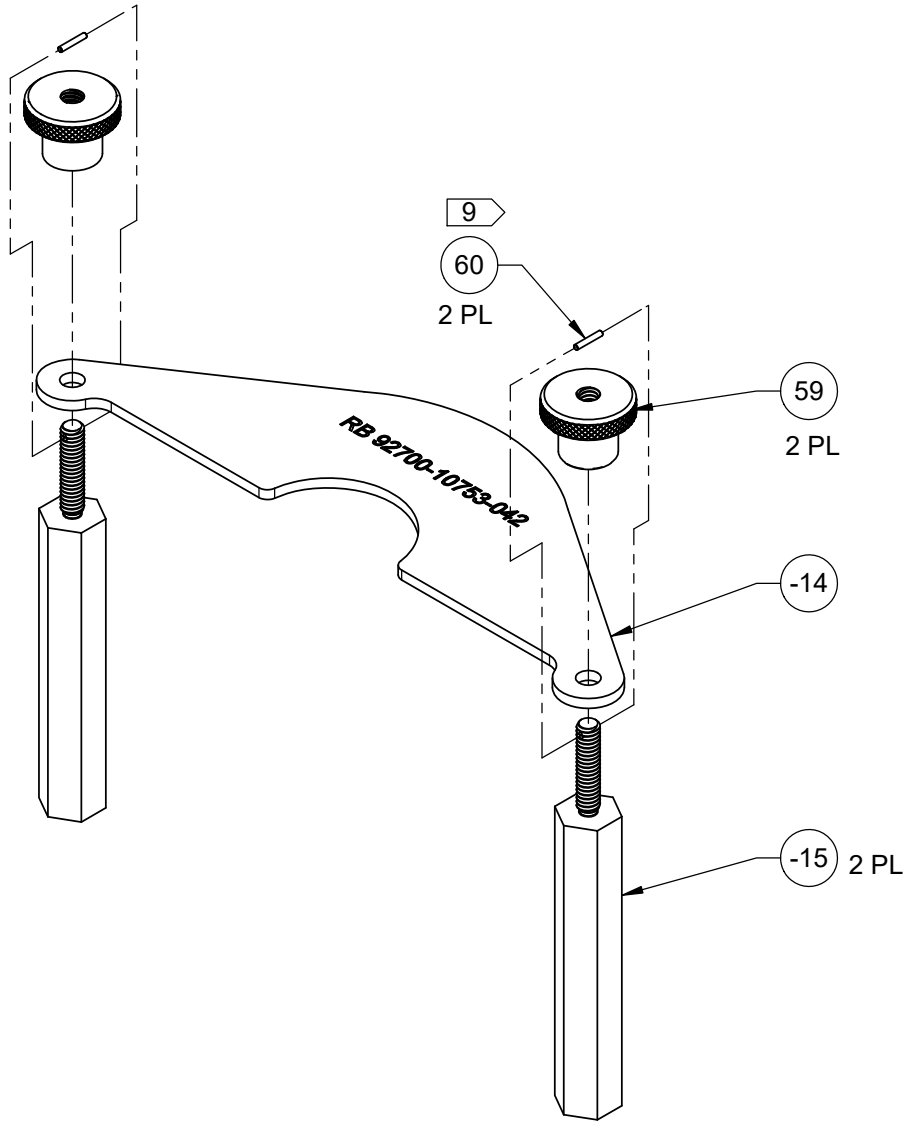
- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEMS 58 CENTERED WITH ITEM -12 AND REMOVE EXCESS
- 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 11 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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ITEM #	QTY	PART #	PART TITLE
-14	1	RB 92700-10753-042-14	PLATE
-15	2	RB 92700-10753-042-15	LEG
59	2	McMaster#6121K311 OR EQUIV	STEEL KNOB 1/4"-20 THREADED THRU HOLE
60	2	McMaster#98381A417 OR EQUIV	STEEL DOWEL PIN 1/16" DIA. x 3/8" LG.



RB 92700-10753-042-13 HYD PUMP GUIDE PLATE ASSY

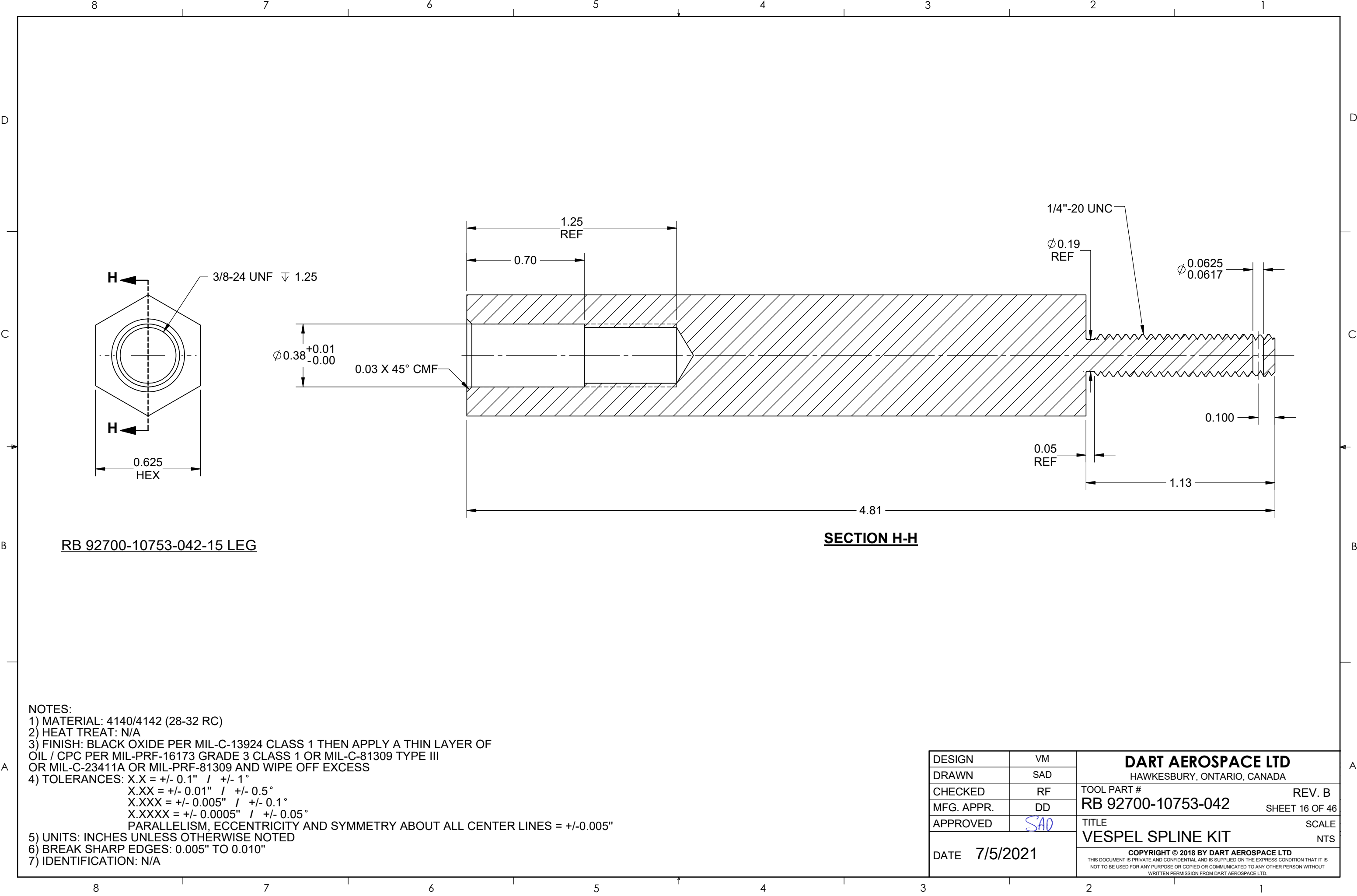
10

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: N/A
  - 7) IDENTIFICATION: N/A
  - 8) ASSEMBLE AS SHOWN
  - 9) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEMS 60 CENTERED WITH ITEM -15 AND REMOVE EXCESS
  - 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 14 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VESPEL SPLINE KIT	NTS
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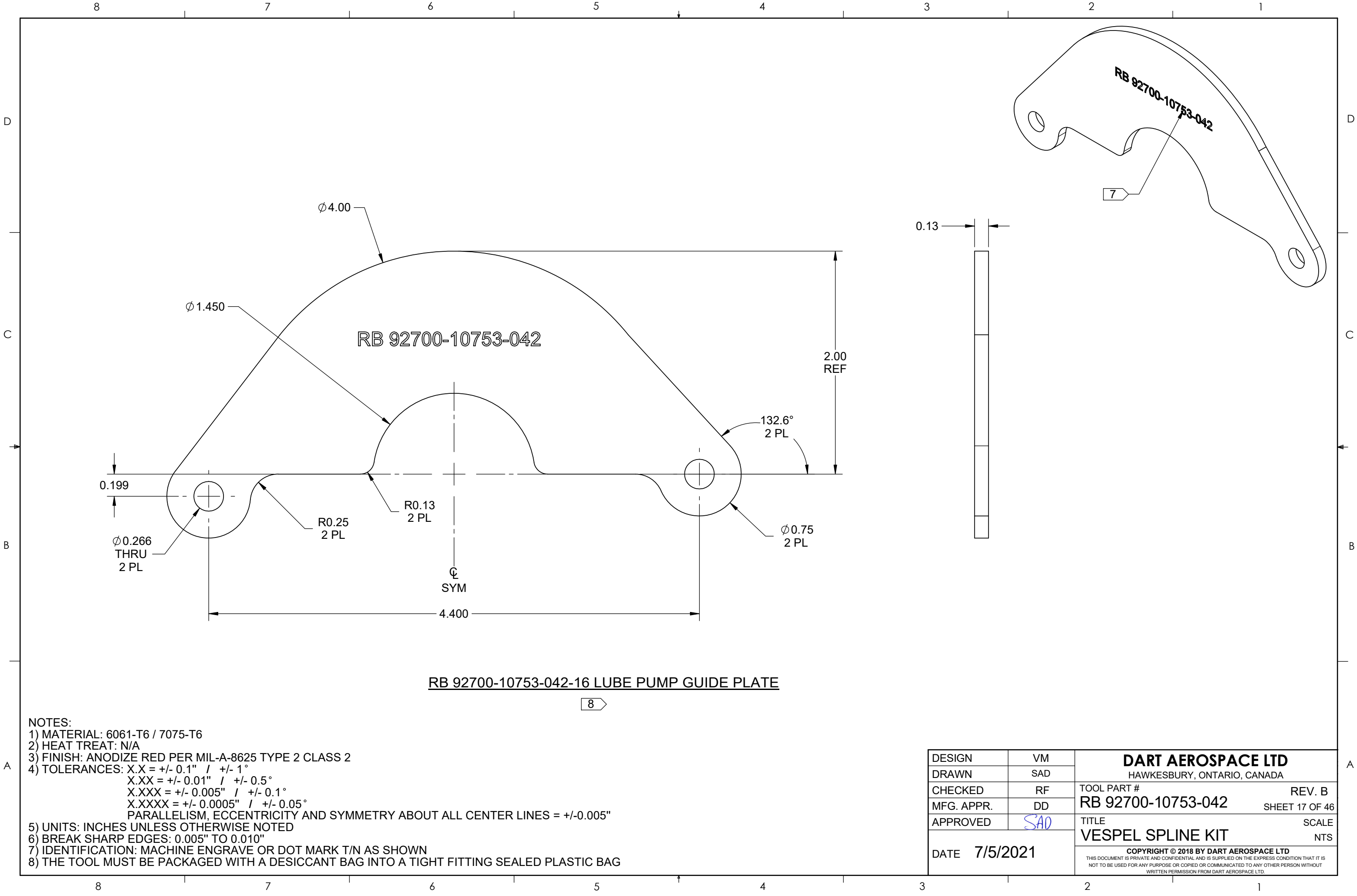


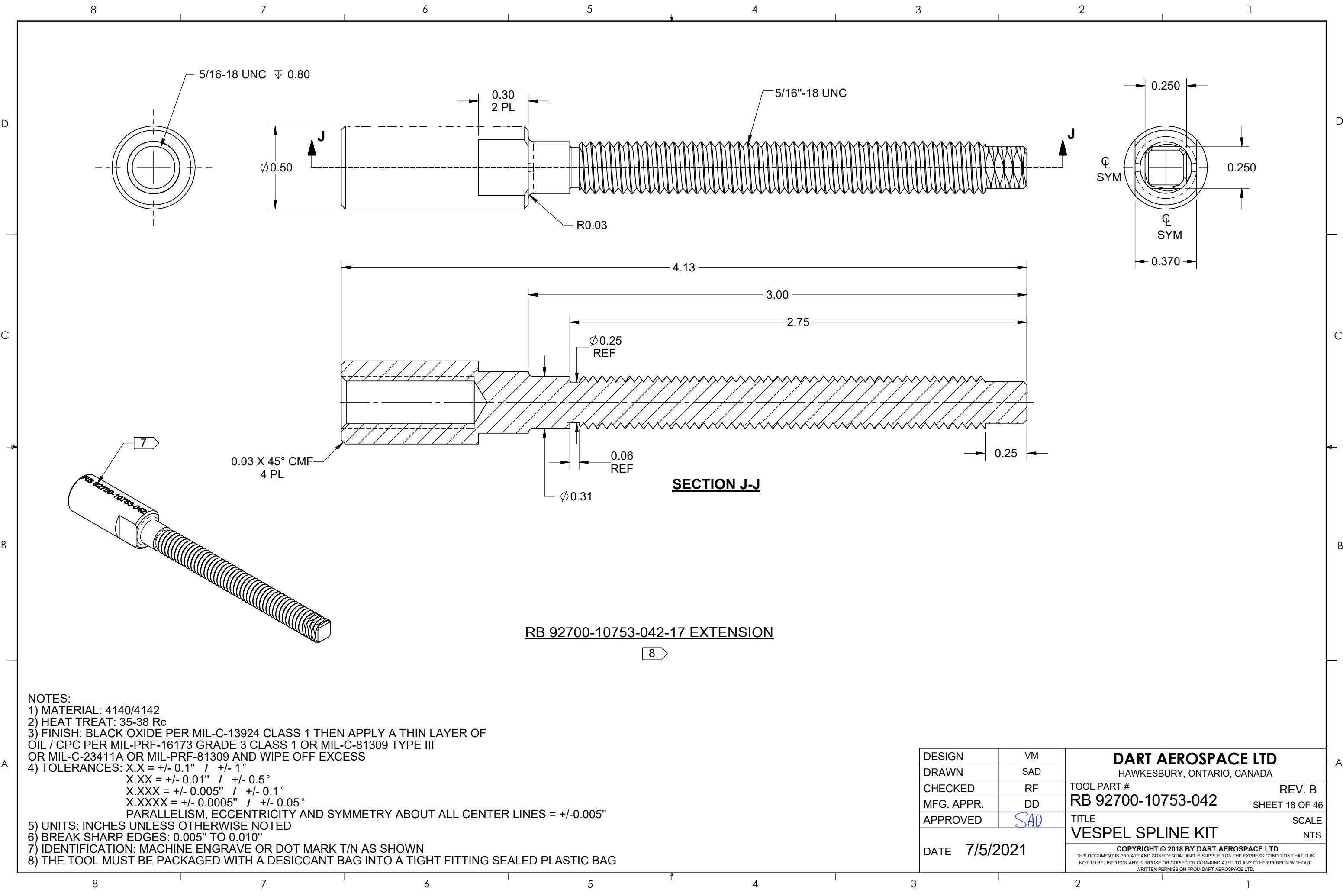




NOTES:  
1) MATERIAL: 4140/4142 (28-32 RC)  
2) HEAT TREAT: N/A  
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART # <b>RB 92700-10753-042</b>	REV. B
MFG. APPR.	DD	SHEET 16 OF 46	
APPROVED	SAD	TITLE <b>VESPEL SPLINE KIT</b>	SCALE NTS
DATE <b>7/5/2021</b>		COPYRIGHT © 2018 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

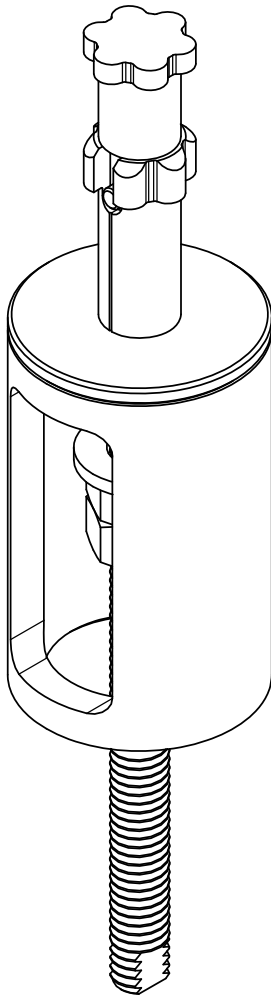
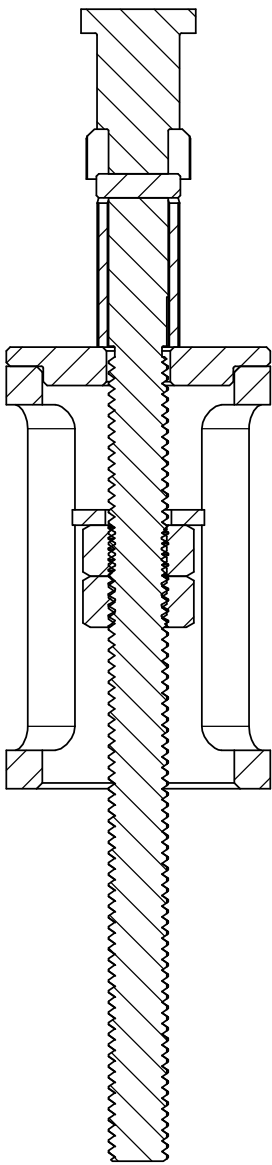
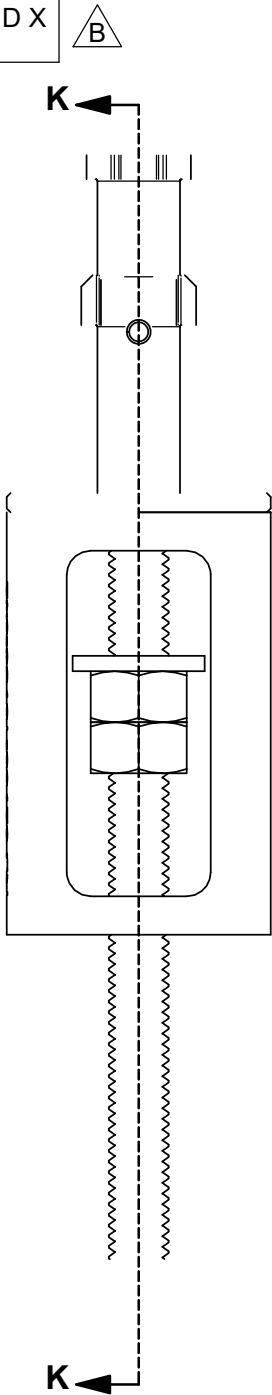
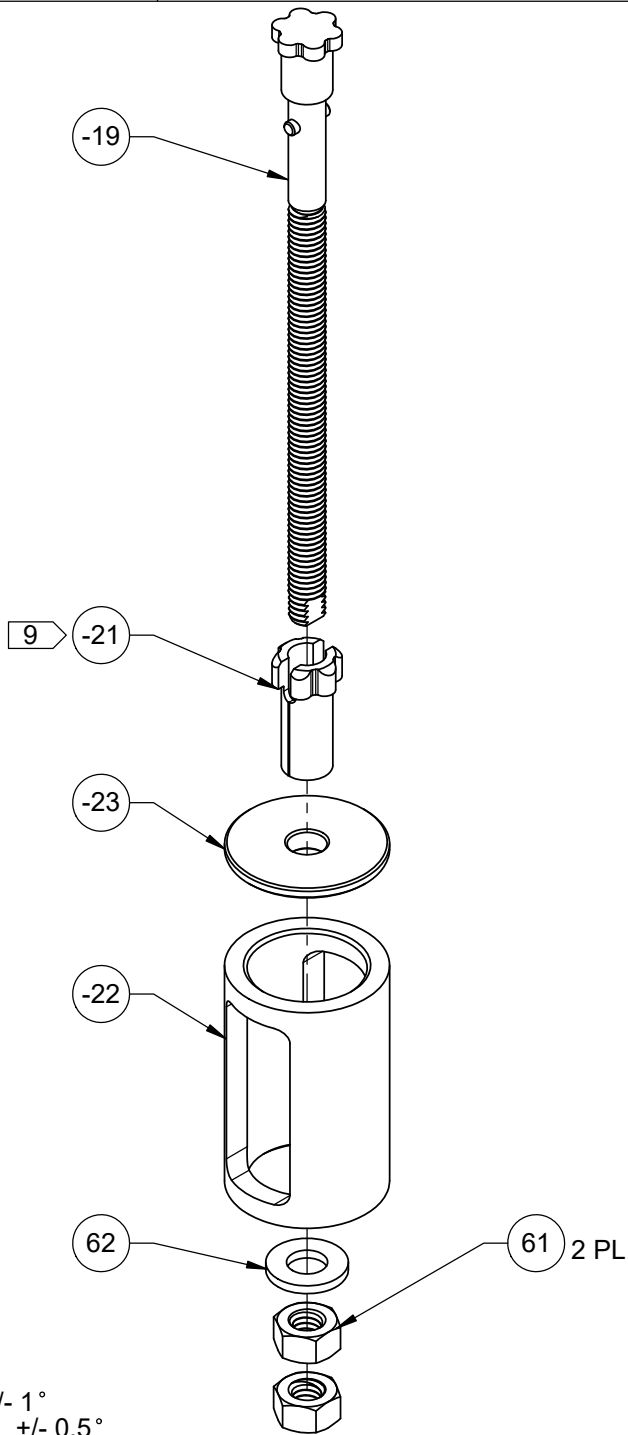




NOTES:  
1) MATERIAL: 4140/4142  
2) HEAT TREAT: 35-38 Rc  
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN  
8) THE TOOL MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART # <b>RB 92700-10753-042</b>	REV. B
MFG. APPR.	DD	SHEET 18 OF 46	
APPROVED	SAD	TITLE <b>VESPEL SPLINE KIT</b>	SCALE NTS
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ITEM #	QTY	PART #	PART TITLE
-19	1	RB 92700-10753-042-19	PIN ASSY
-21	1	RB 92700-10753-042-21	SLEEVE
-22	1	RB 92700-10753-042-22	GUIDE
-23	1	RB 92700-10753-042-23	CAP
61	2	McMaster#94895A030 OR EQUIV	STEEL HEX NUT 5/16"-18
62	1	McMaster#98023A030 OR EQUIV.	YELLOW ZINC PLATED GRADE 8 STEEL WASHER 0.344" ID X 0.688" OD. X 0.051"-0.080" THK.

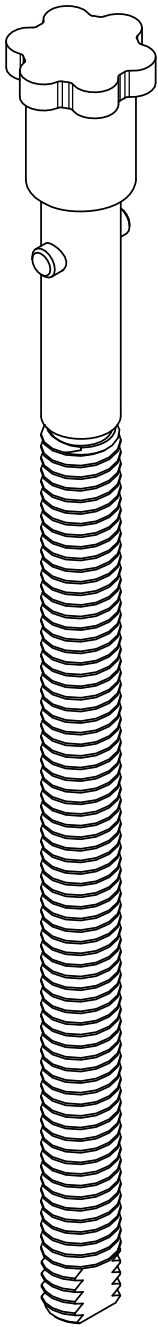
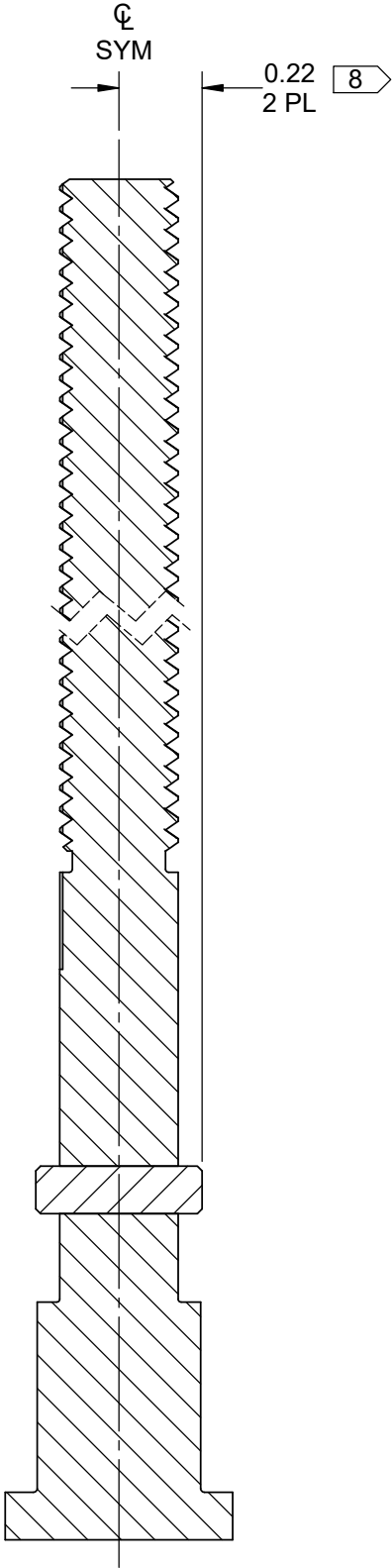
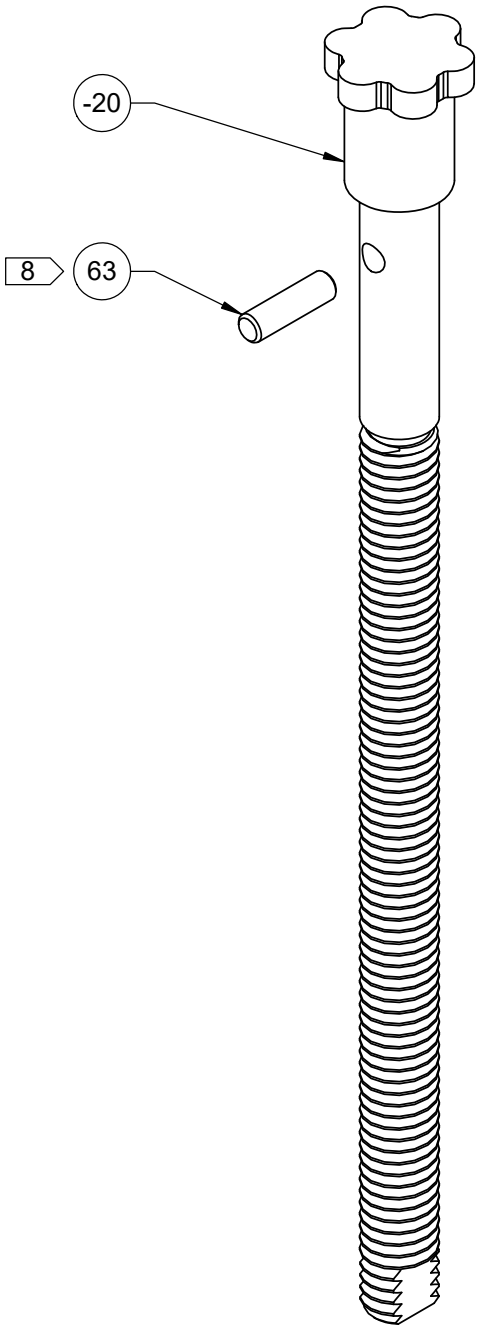


NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A  
8) ASSEMBLE AS SHOWN  
9) SLOT OF ITEM -21 MUST ALIGN WITH DOWEL PIN OF ITEM -19  
10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

RB 92700-10753-042-18 APU SPLINE REMOVAL TOOL

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 19 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VESPEL SPLINE KIT	NTS
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ITEM #	QTY	PART #	PART TITLE
-20	1	RB 92700-10753-042-20	PIN
63	1	McMaster#98381A218 OR EQUIV	STEEL DOWEL PIN 1/8" DIA. x 7/16" LG.

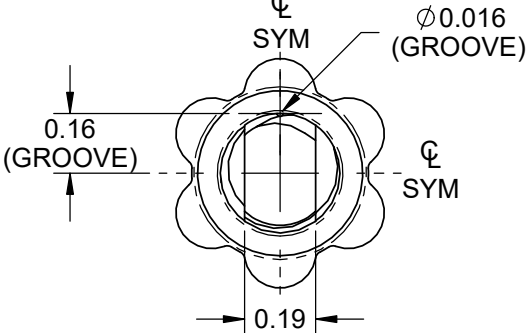
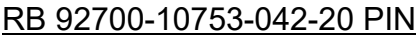


RB 92700-10753-042-19 PIN ASSY

NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
                  X.XX = +/- 0.01" / +/- 0.5°  
                  X.XXX = +/- 0.005" / +/- 0.1°  
                  X.XXXX = +/- 0.0005" / +/- 0.05°  
                  PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A  
8) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEMS 63 CENTERED WITH ITEM -20 AND REMOVE EXCESS

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART # <b>RB 92700-10753-042</b>	REV. B
MFG. APPR.	DD		SHEET 20 OF 46
APPROVED	SAD	TITLE <b>VESPEL SPLINE KIT</b>	SCALE NTS
DATE <b>7/5/2021</b>		COPYRIGHT © 2018 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

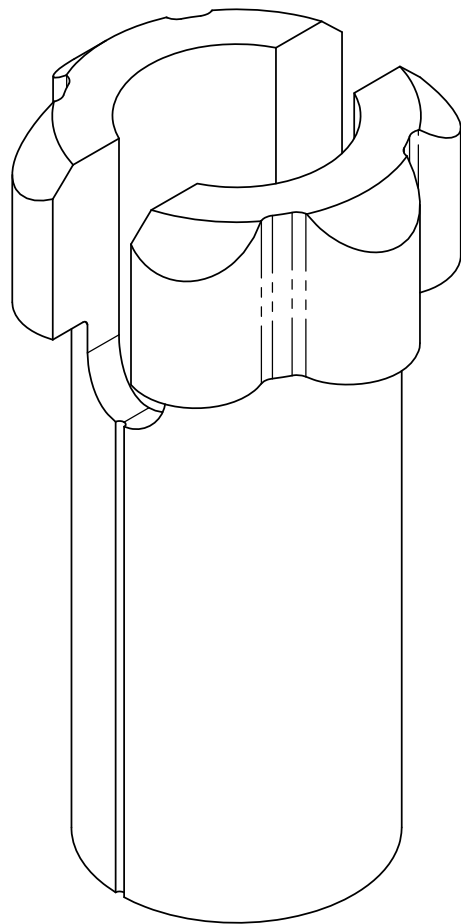




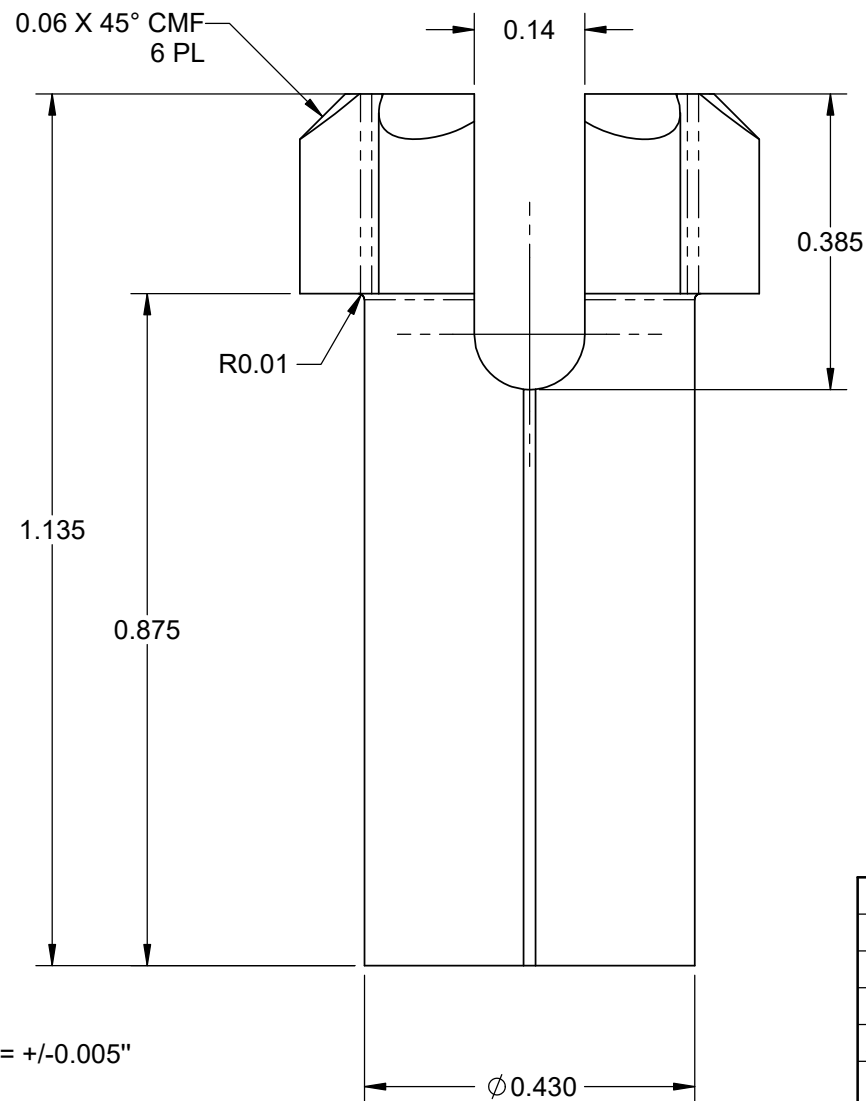
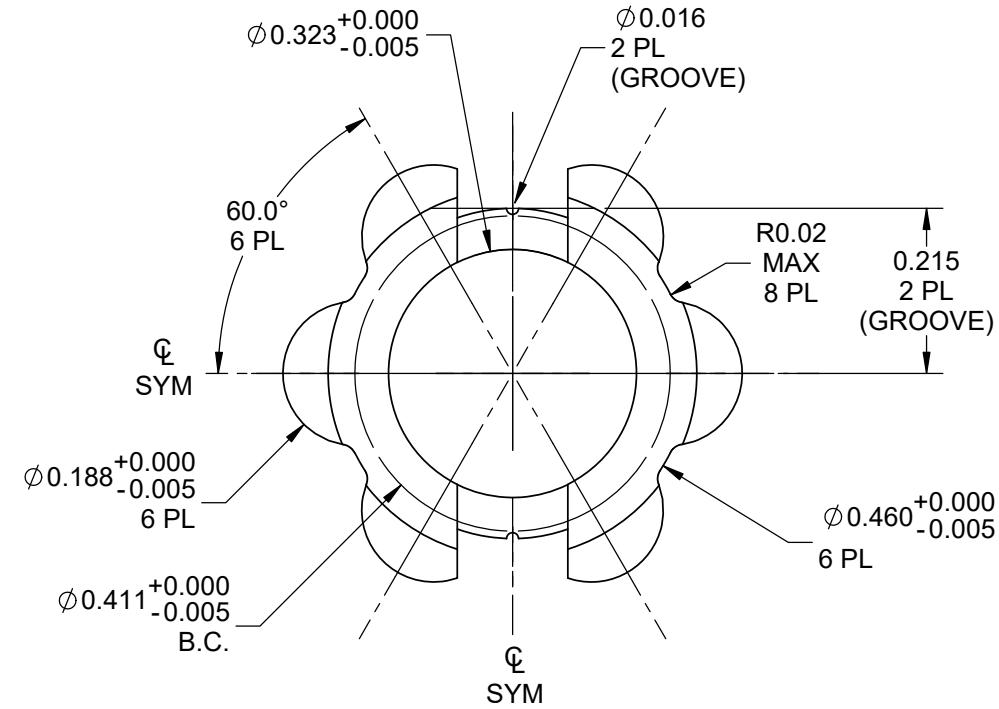
NOTES:

- 1) MATERIAL: 4140/4142
- 2) HEAT TREAT: 35-38 Rc
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 21 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VESPEL SPLINE KIT	NTS
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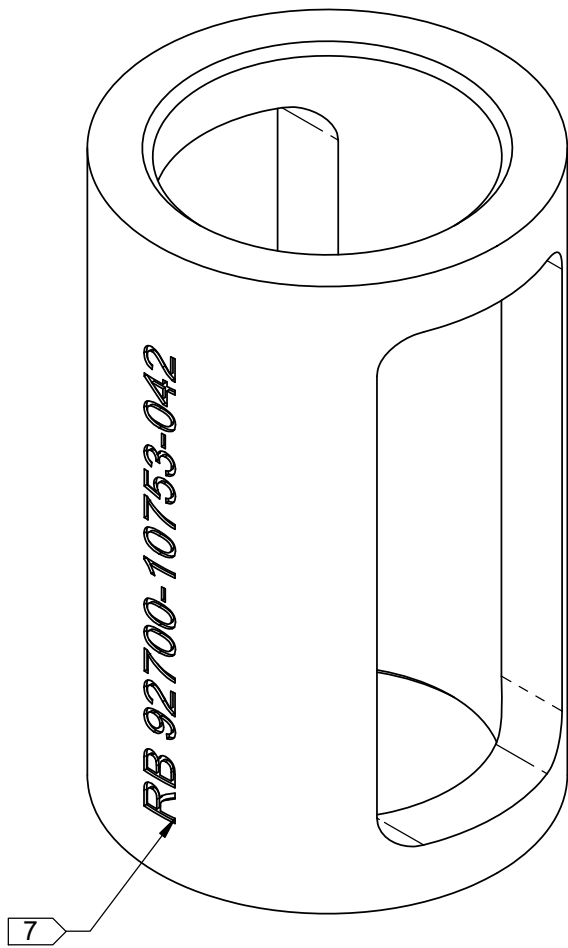


RB 92700-10753-042-21 SLEEVE

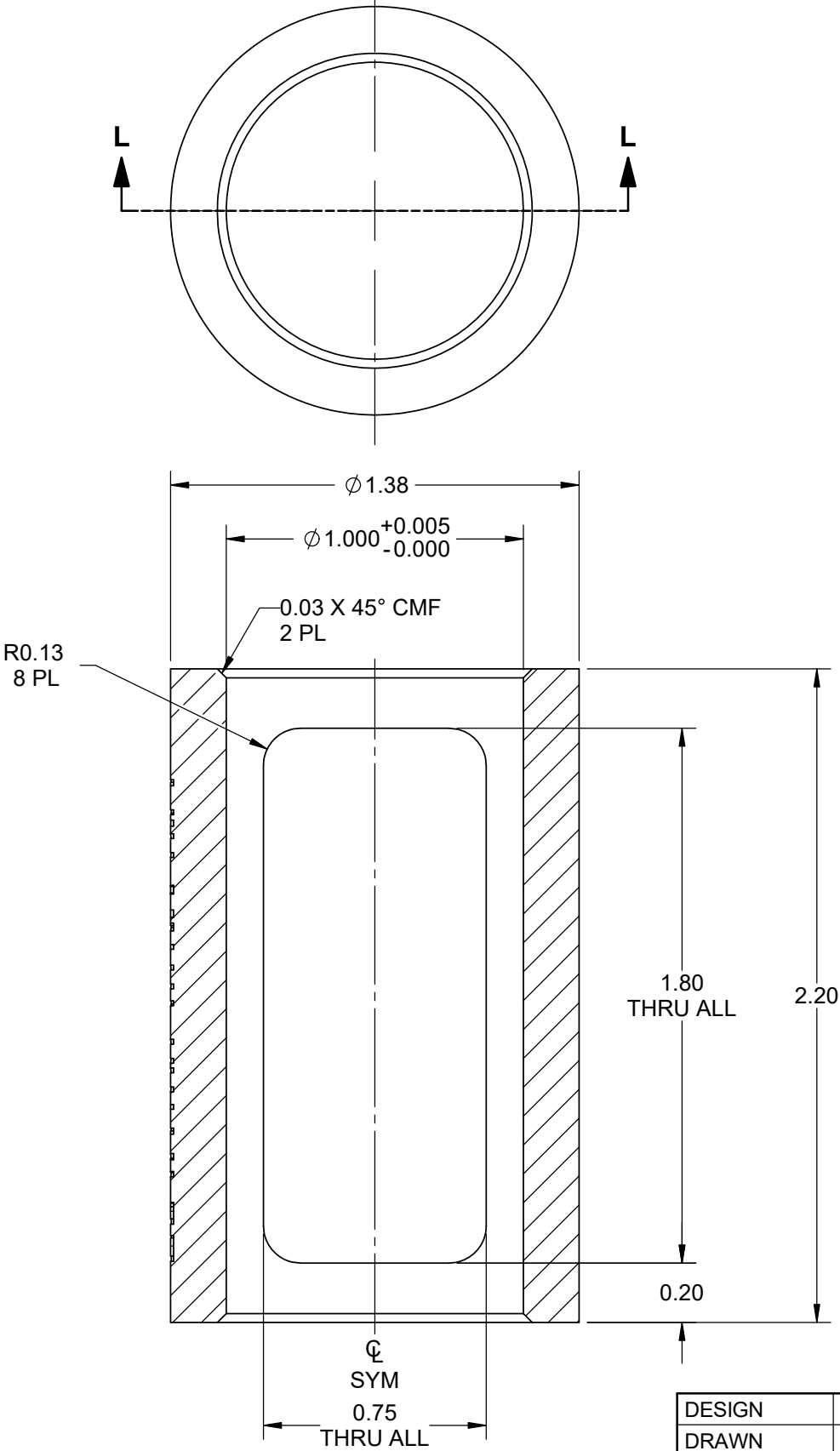


- NOTES:
- 1) MATERIAL: 4140/4142
  - 2) HEAT TREAT: 35-38 Rc
  - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
  - 7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 22 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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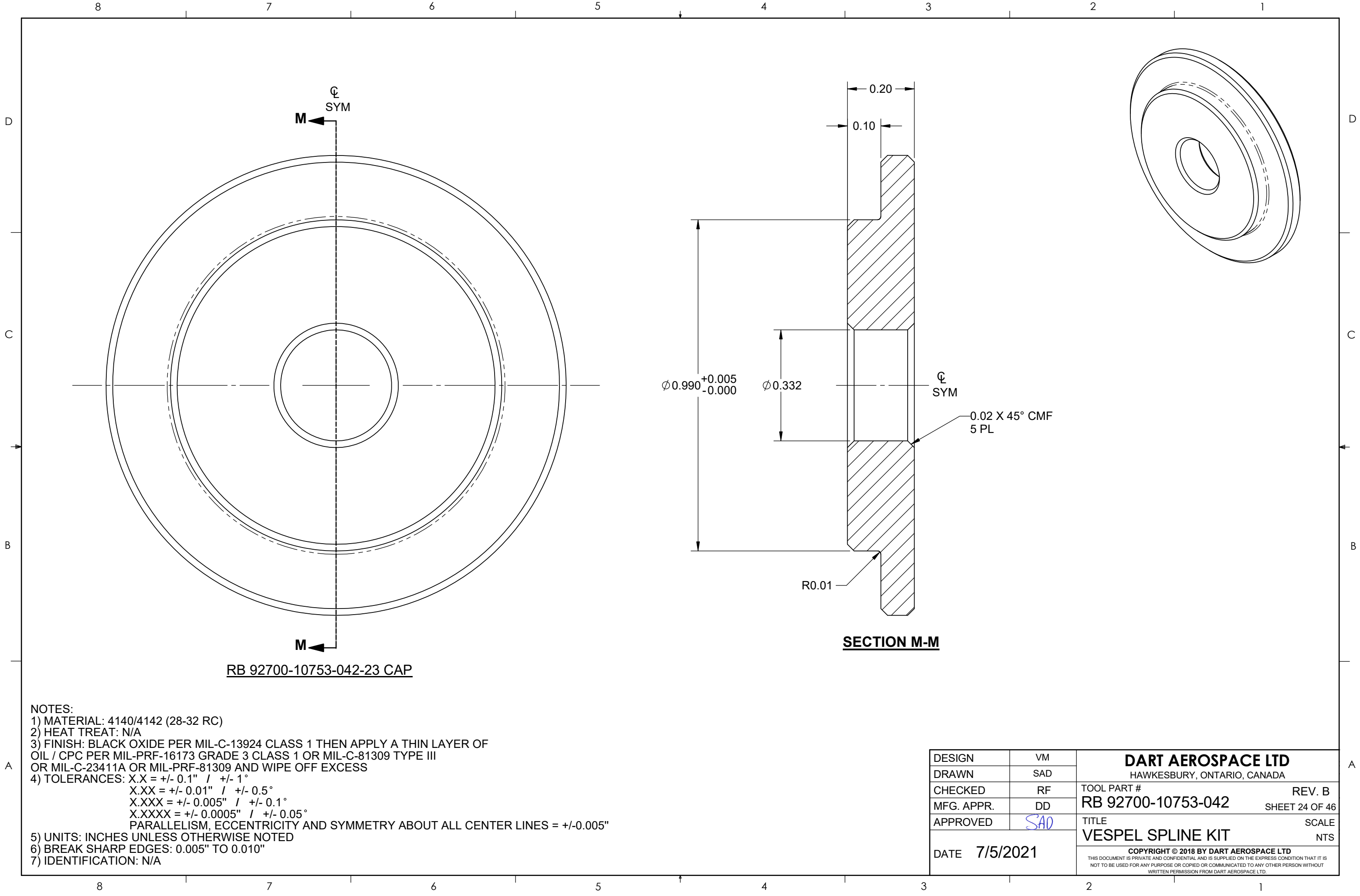


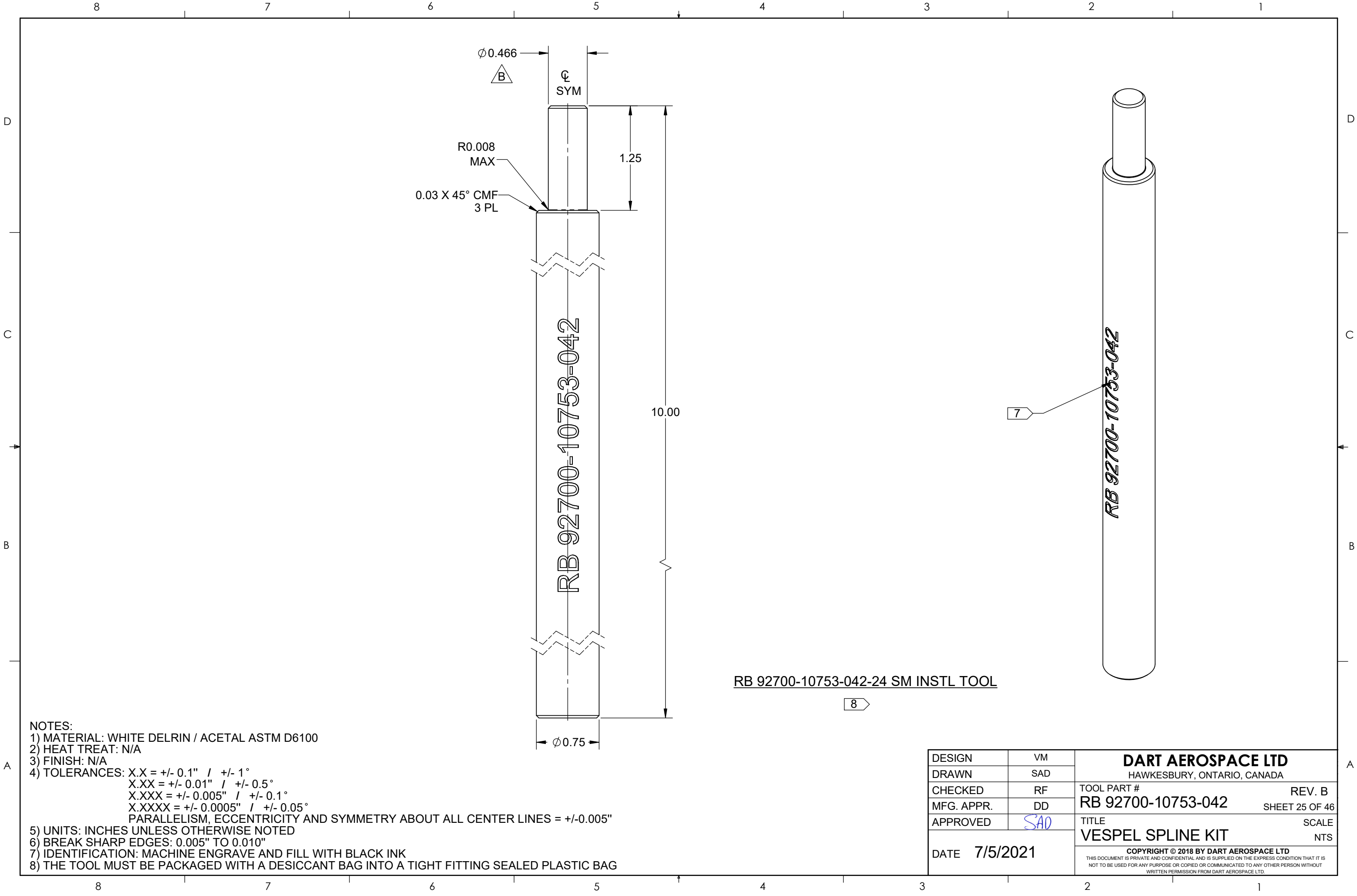
RB 92700-10753-042-22 GUIDE

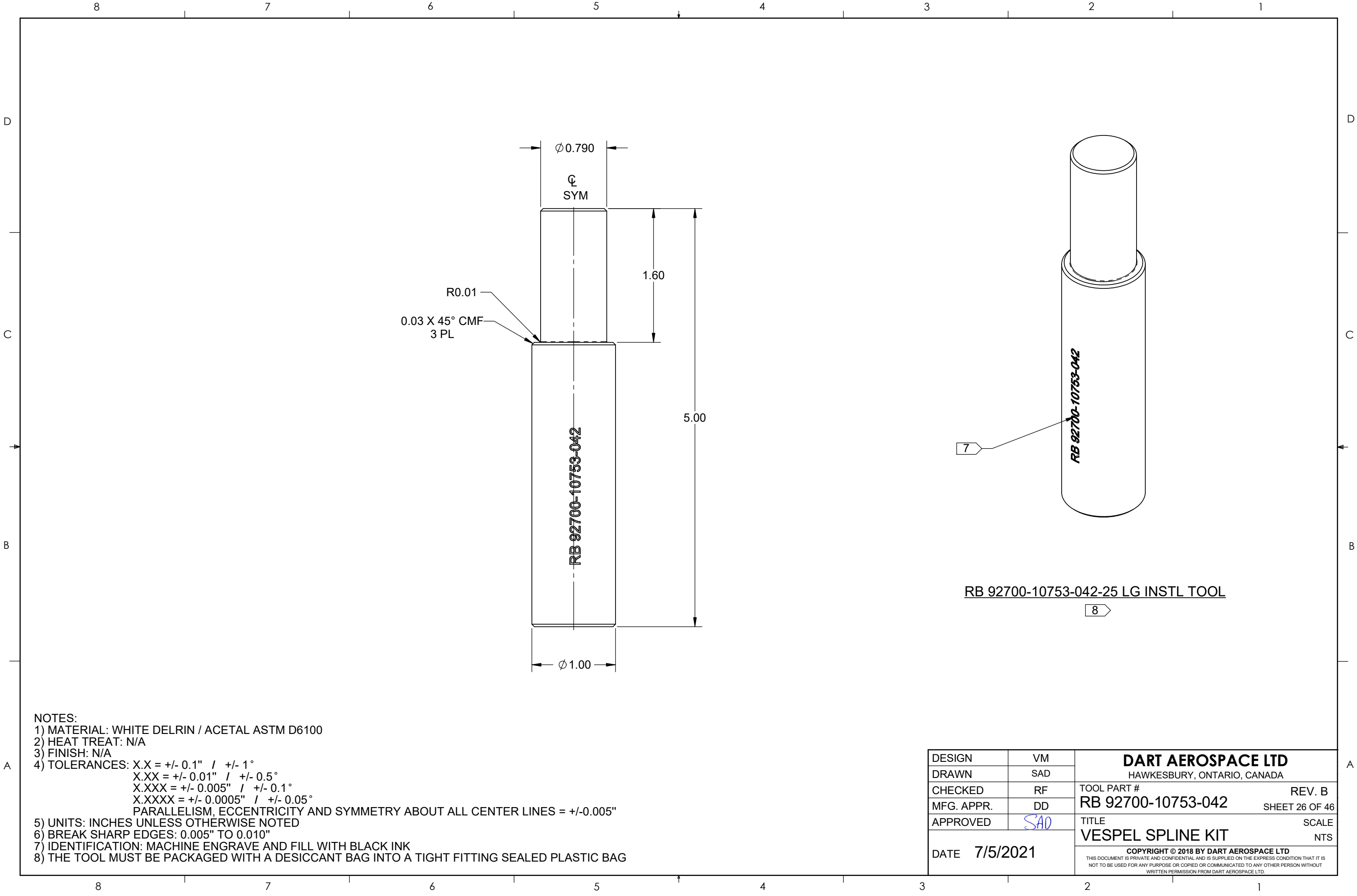


NOTES:  
1) MATERIAL: 4140/4142 (28-32 RC)  
2) HEAT TREAT: N/A  
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART # <b>RB 92700-10753-042</b>	REV. B SHEET 23 OF 46
MFG. APPR.	DD	TITLE <b>VESPEL SPLINE KIT</b>	SCALE NTS
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DATE	7/5/2021		





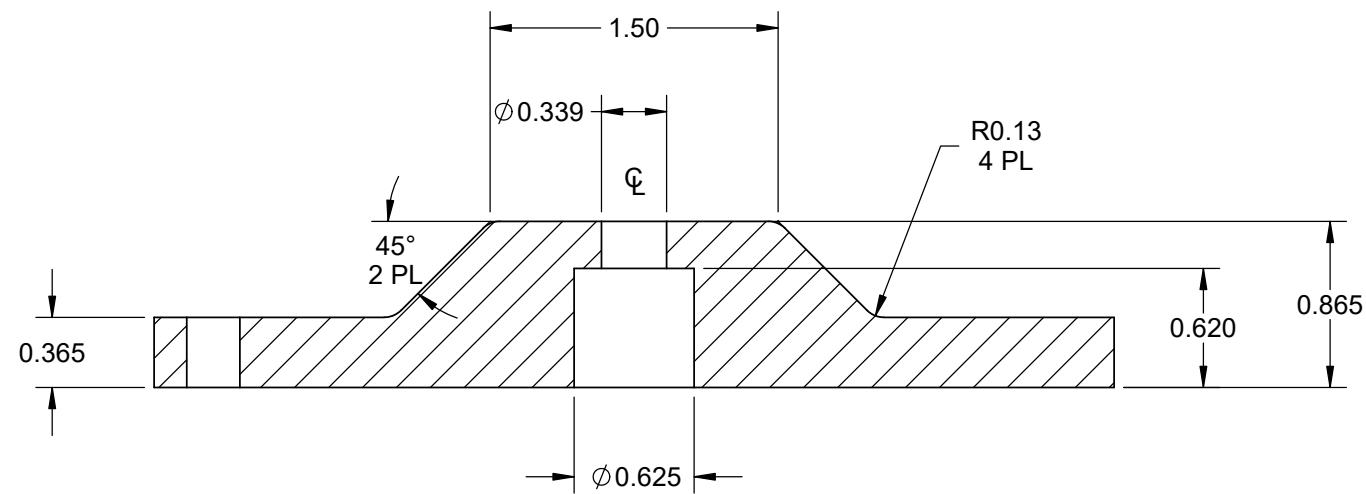
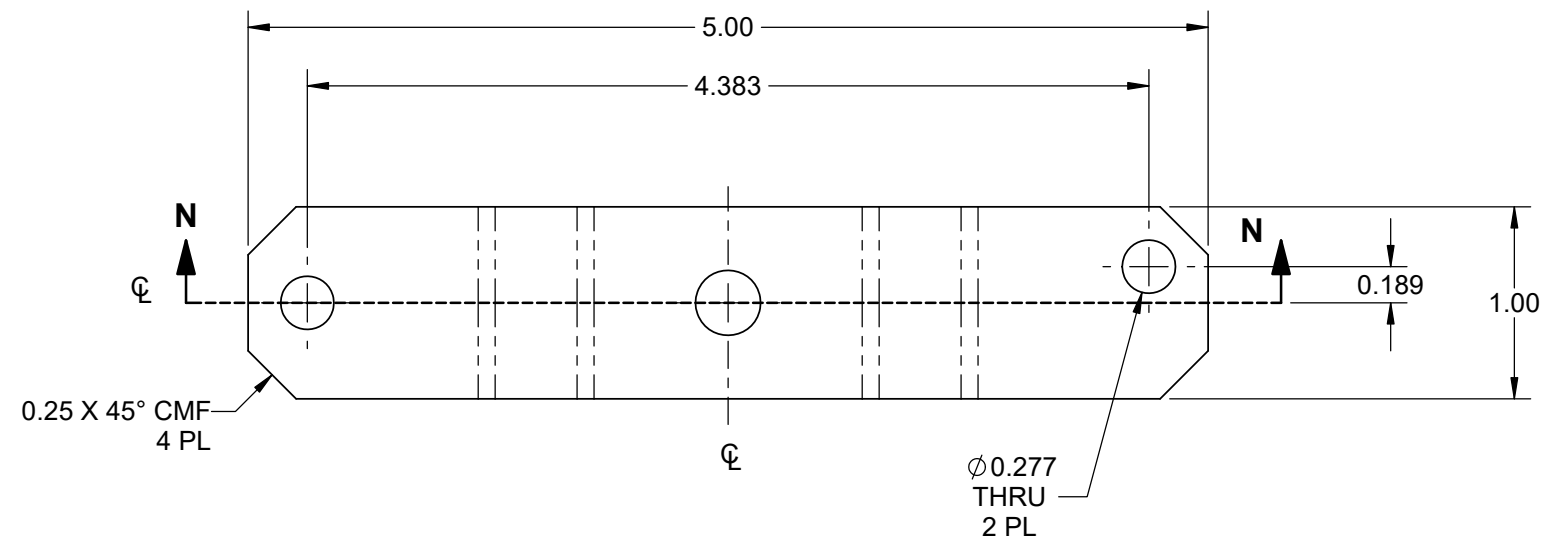


NOTES:  
1) MATERIAL: WHITE DELRIN / ACETAL ASTM D6100  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: MACHINE ENGRAVE AND FILL WITH BLACK INK  
8) THE TOOL MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

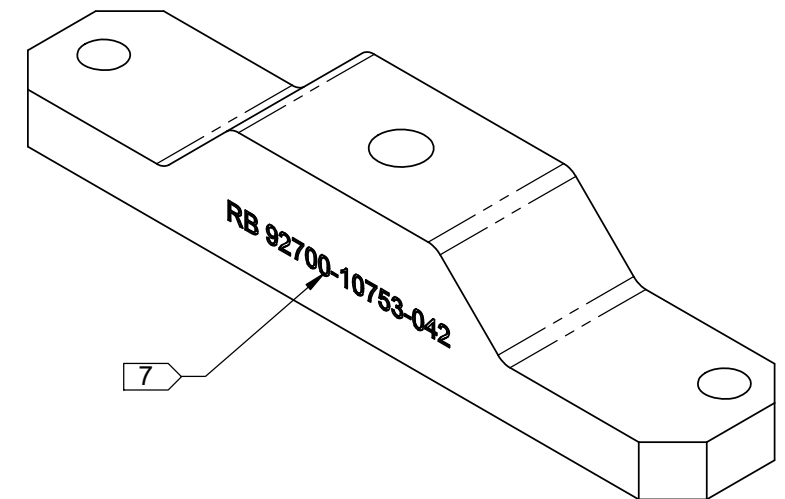
RB 92700-10753-042-25 LG INSTL TOOL

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 26 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VESPEL SPLINE KIT	NTS
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**SECTION N-N**



**RB 92700-10753-042-26 LUBE PUMP BRIDGE**

**NOTES:**

- 1) MATERIAL: 6061-T6 / 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: MACHINE ENGRAVE PER CAD MODEL AS SHOWN OR DOT MARK T/N AS SHOWN
- 8) THE TOOL MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 27 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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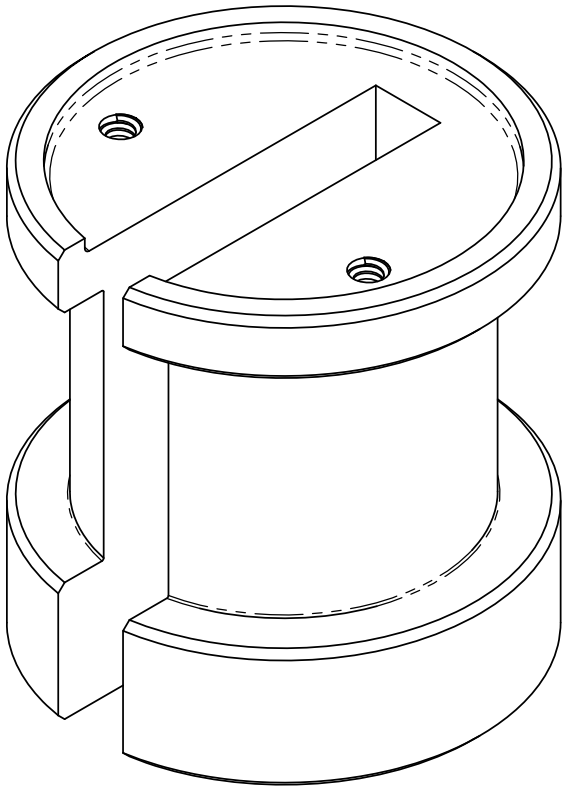
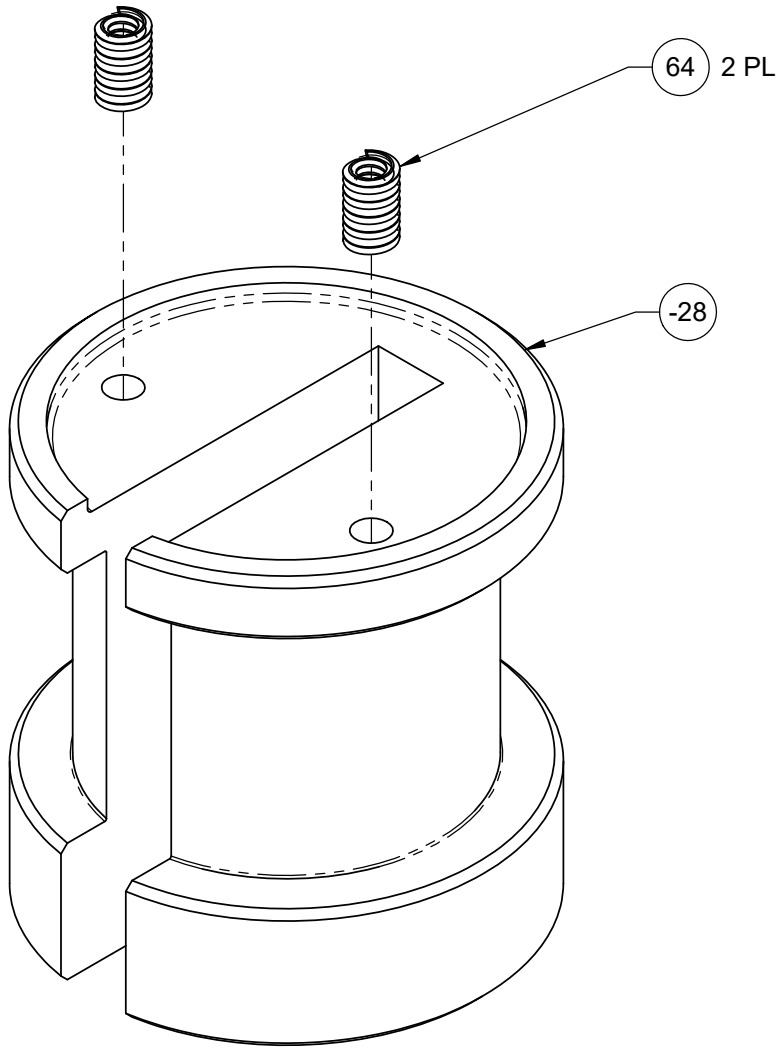
ITEM #	QTY	PART #	PART TITLE
-28	1	RB 92700-10753-042-28	GUIDE
64	2	McMaster#91732A708 OR EQUIV	SS THREADED INSERT #6-32 x 0.345" LG

D

C

B

A



D

C

B

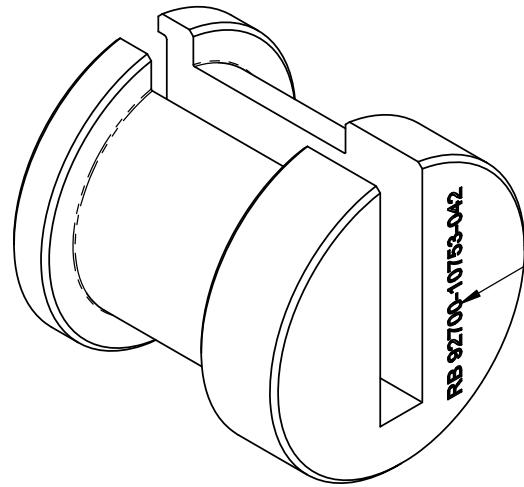
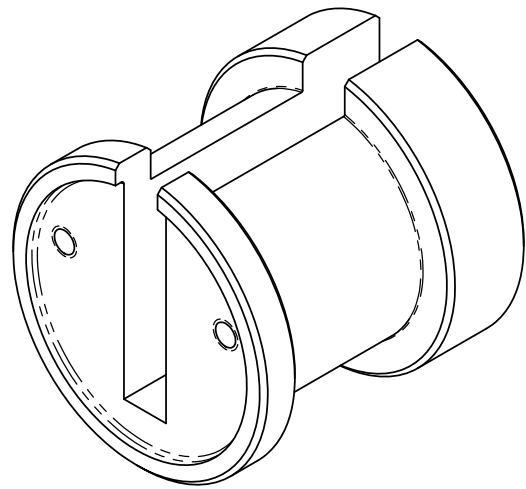
A

NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A  
8) ASSEMBLE AS SHOWN  
9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

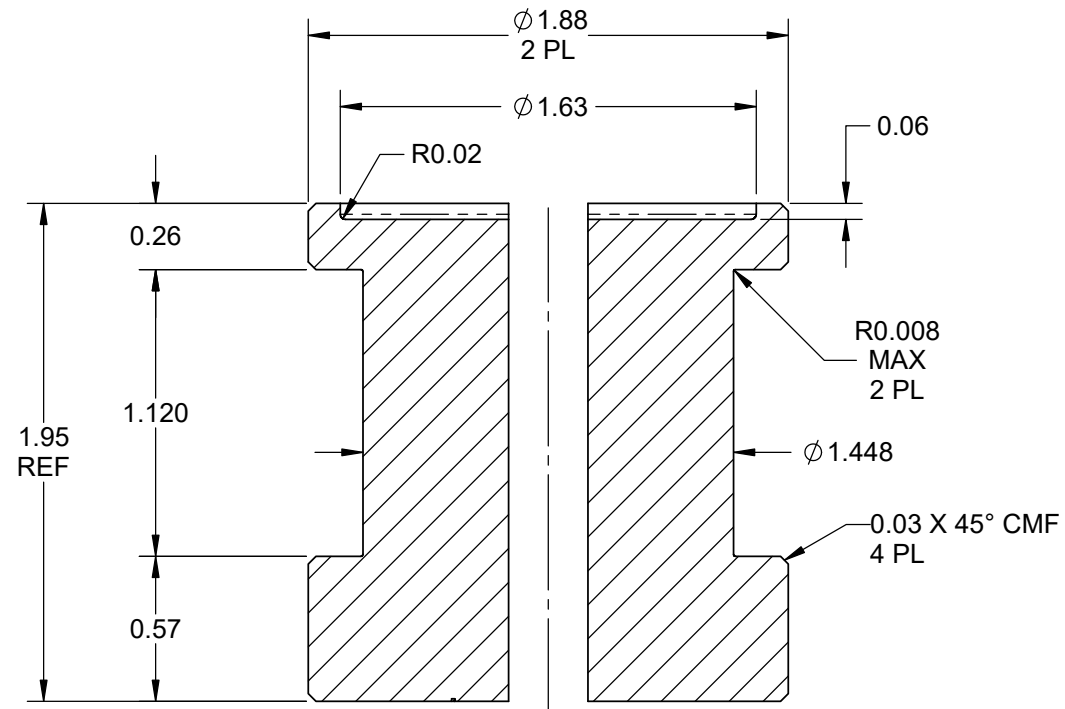
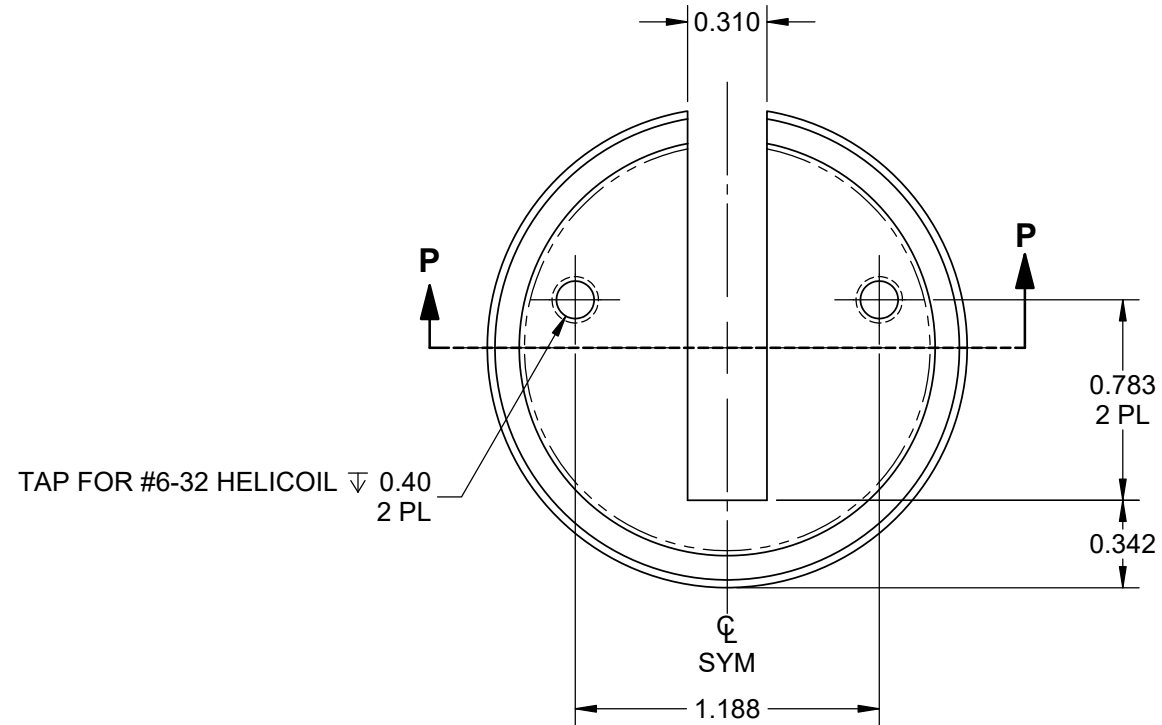
RB 92700-10753-042-27 SMALL GUIDE

9

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 28 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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RB 92700-10753-042-28 GUIDE

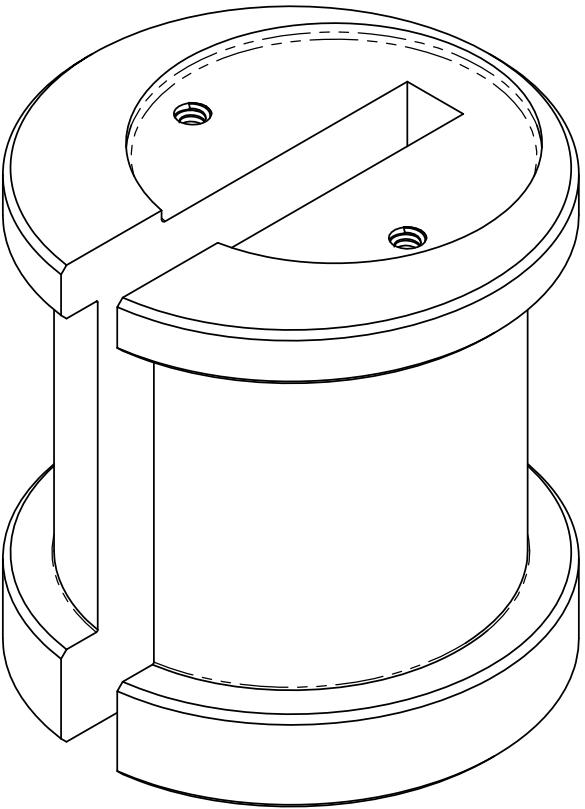
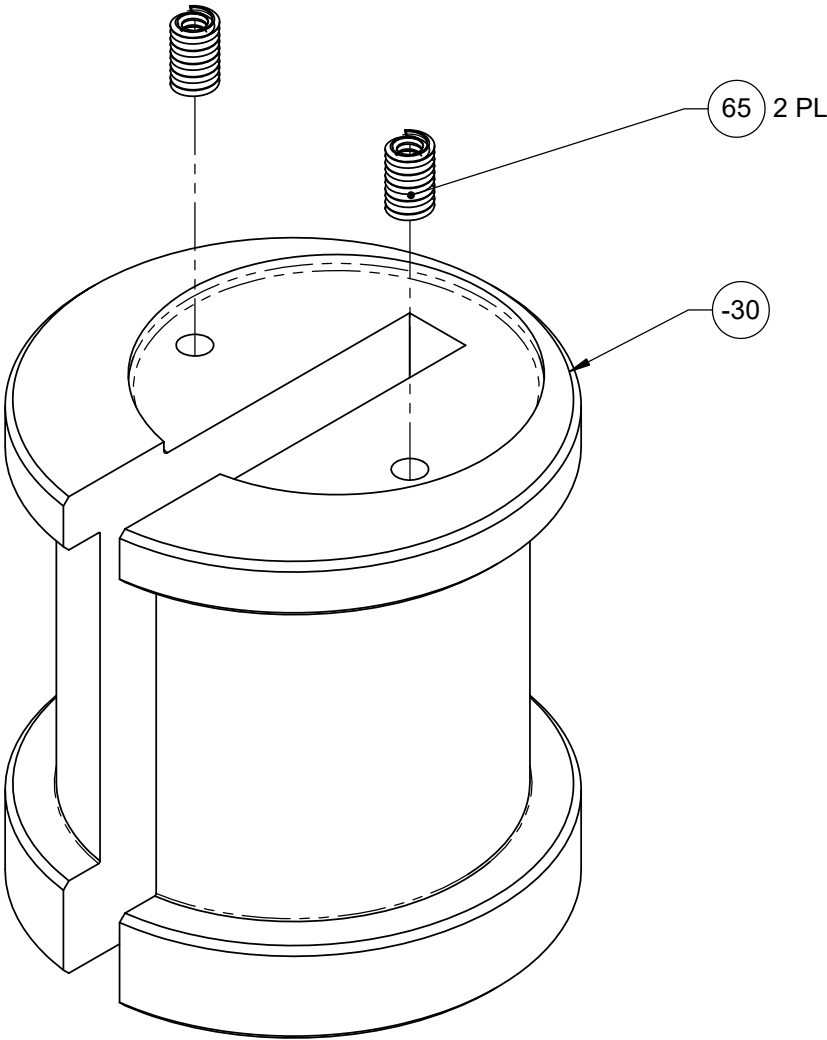


SECTION P-P

- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
  - 2) HEAT TREAT: N/A
  - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
  - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 29 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		<b>VESPEL SPLINE KIT</b>	NTS
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ITEM #	QTY	PART #	PART TITLE
-30	1	RB 92700-10753-042-30	GUIDE
65	2	McMaster#91732A708 OR EQUIV	SS THREADED INSERT #6-32 x 0.345" LG

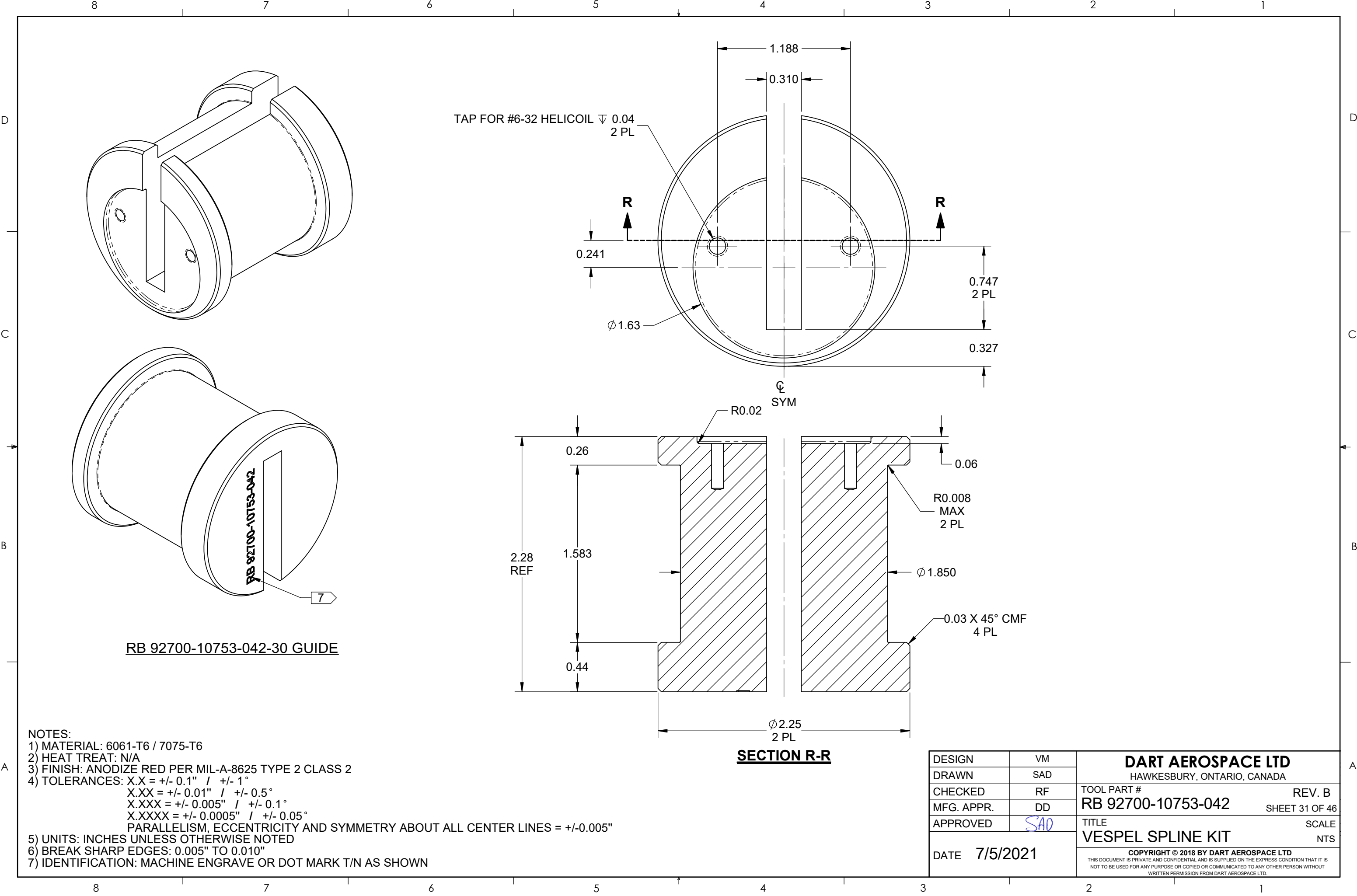


RB 92700-10753-042-29 LARGE GUIDE

9

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: N/A
  - 7) IDENTIFICATION: N/A
  - 8) ASSEMBLE AS SHOWN
  - 9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

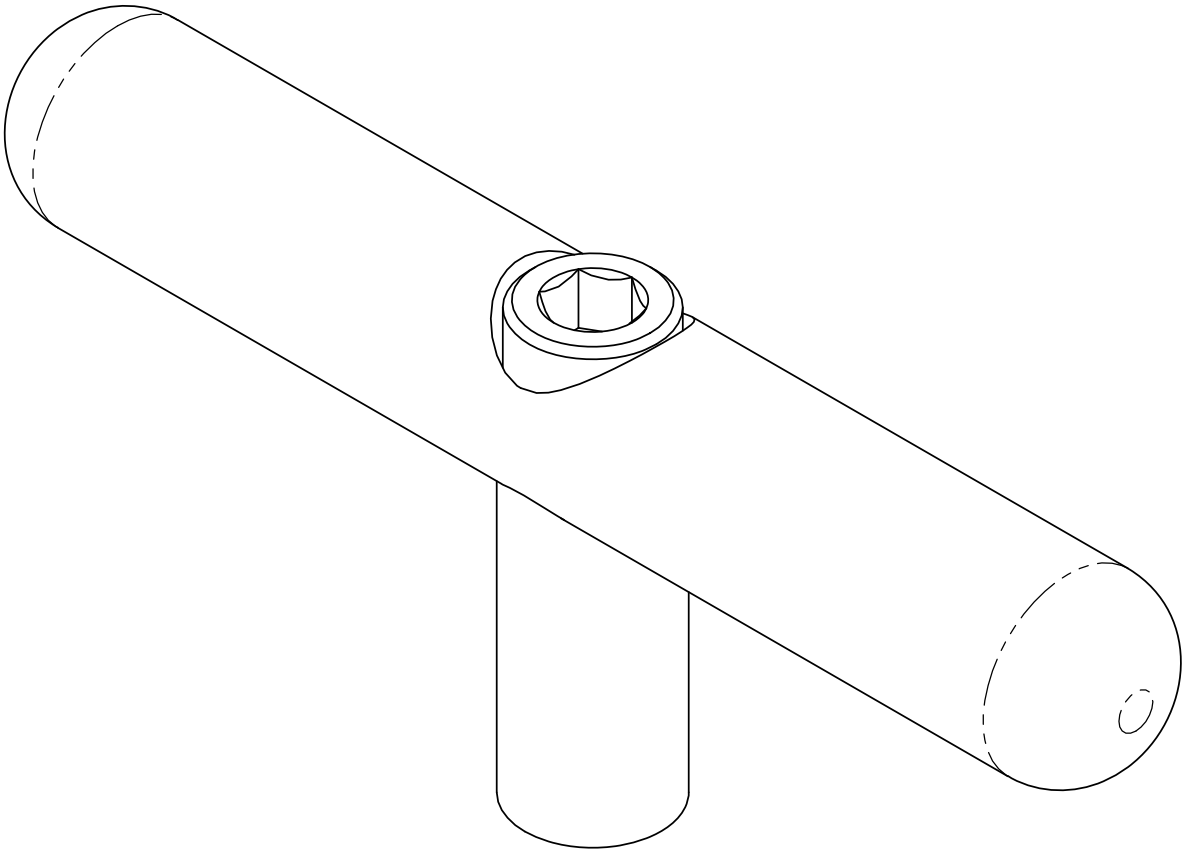
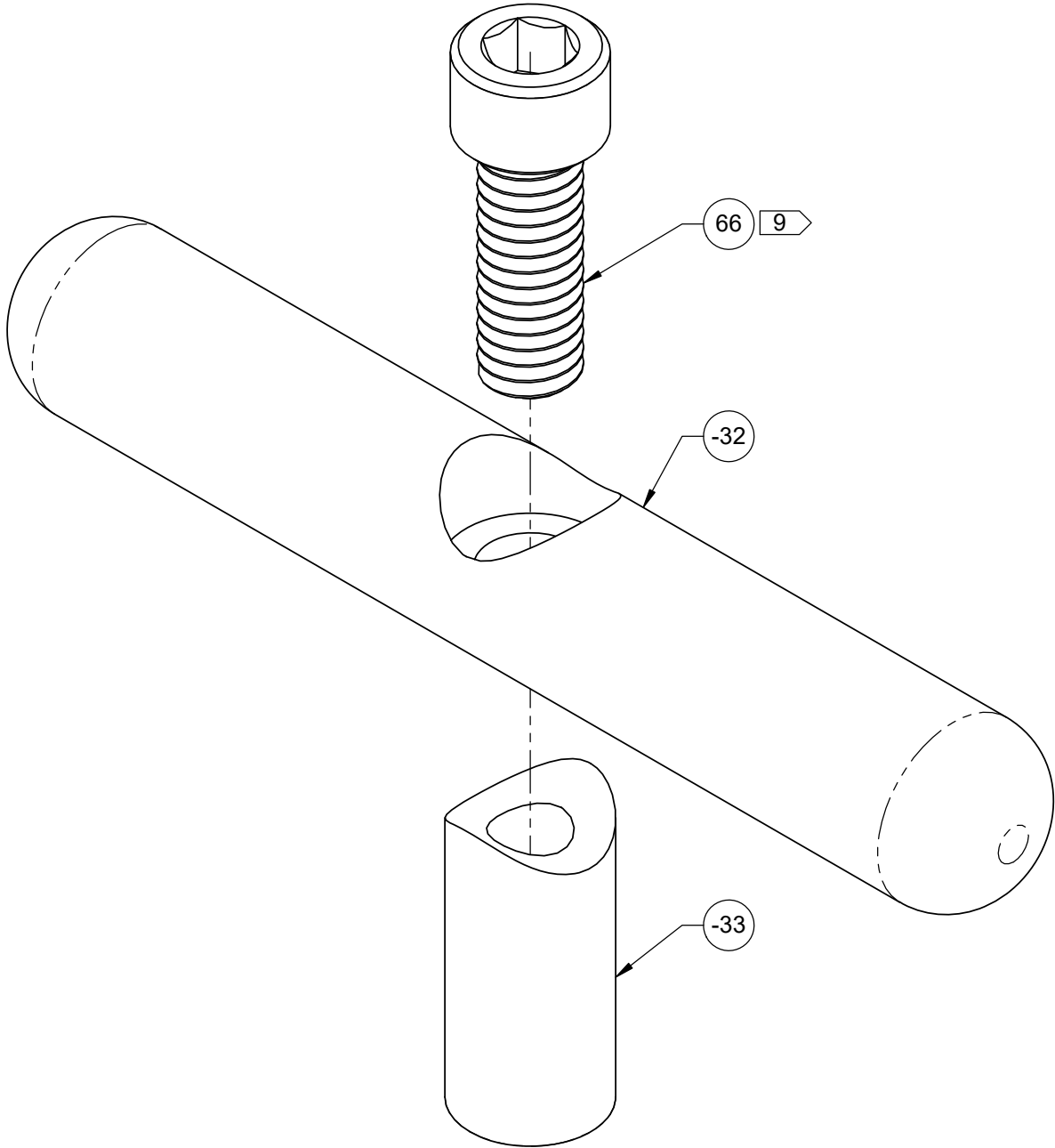
DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 30 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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NOTES:  
1) MATERIAL: 6061-T6 / 7075-T6  
2) HEAT TREAT: N/A  
3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 31 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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ITEM #	QTY	PART #	PART TITLE
-32	1	RB 92700-10753-042-32	HANDLE
-33	1	RB 92700-10753-042-33	PIN
66	1	McMaster#90128A582 OR EQUIV	STEEL SOCKET HEAD CAP SCREW 5/16"-18 x 7/8" LG.



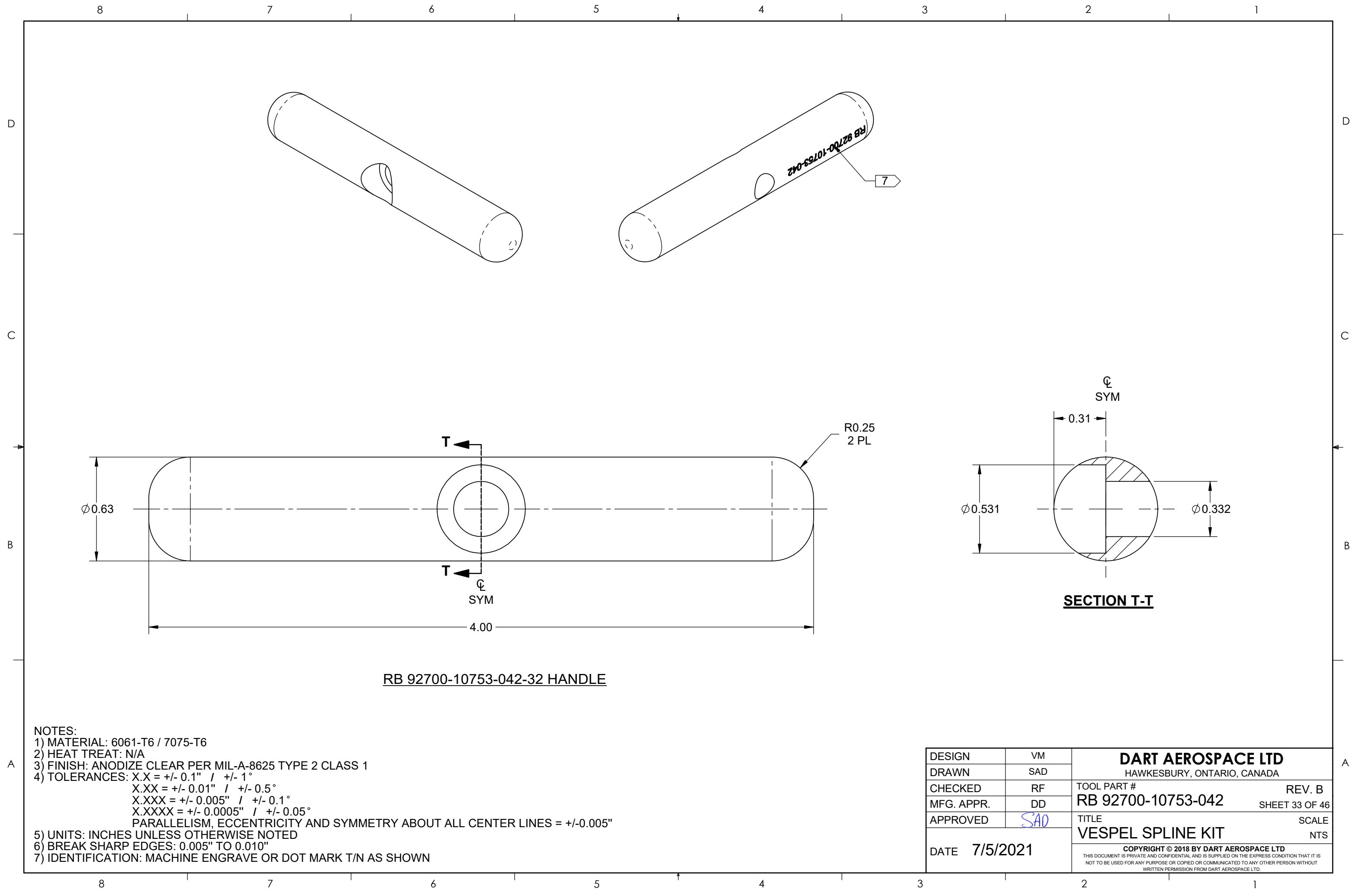
RB 92700-10753-042-31 HANDLE ASSEMBLY

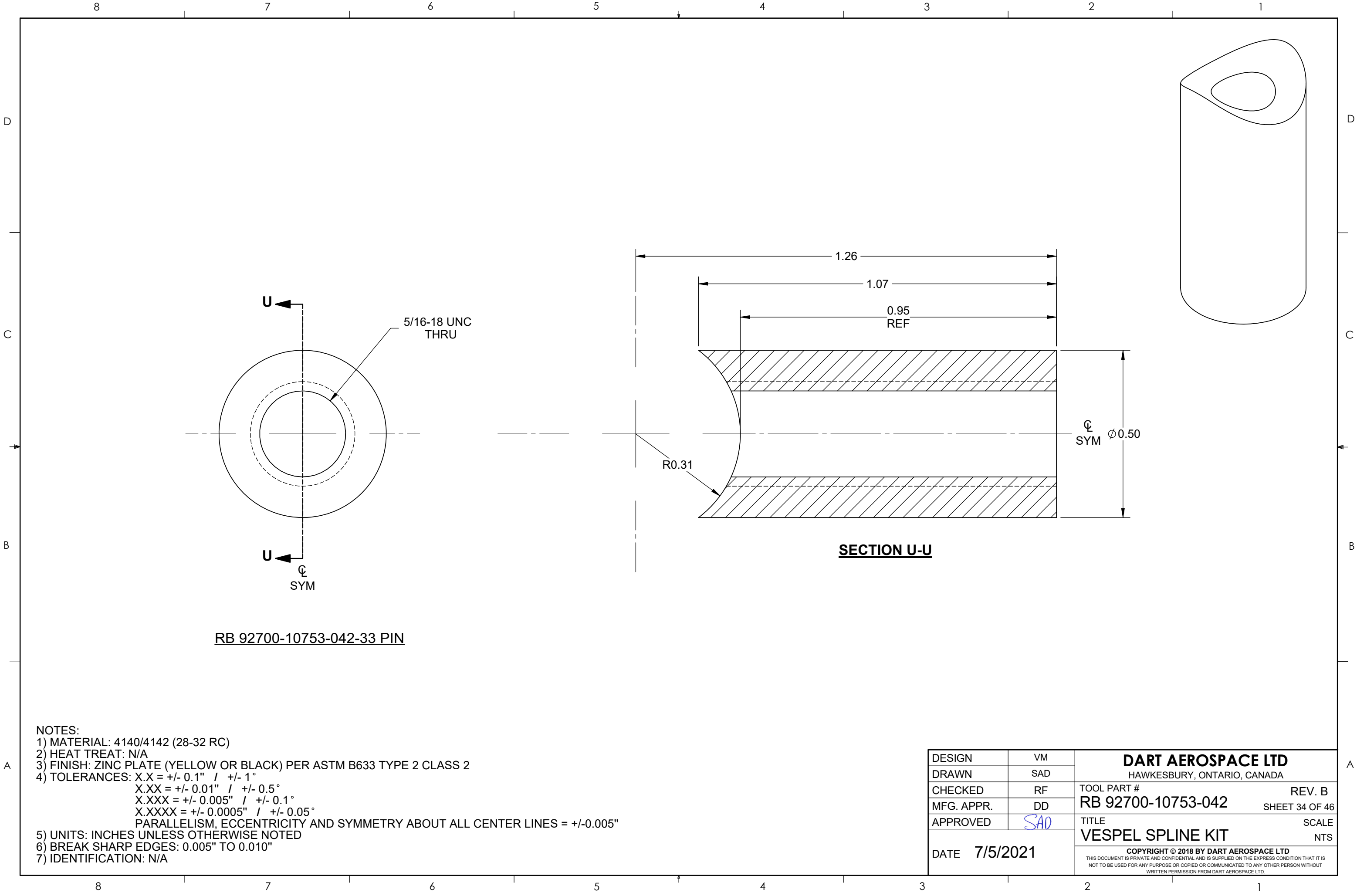
10

NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A  
8) ASSEMBLE AS SHOWN  
9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 66 THEN ASSEMBLE WITH ITEM -33 HAND TIGHT AND REMOVE EXCESS  
10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 32 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VESPEL SPLINE KIT	NTS
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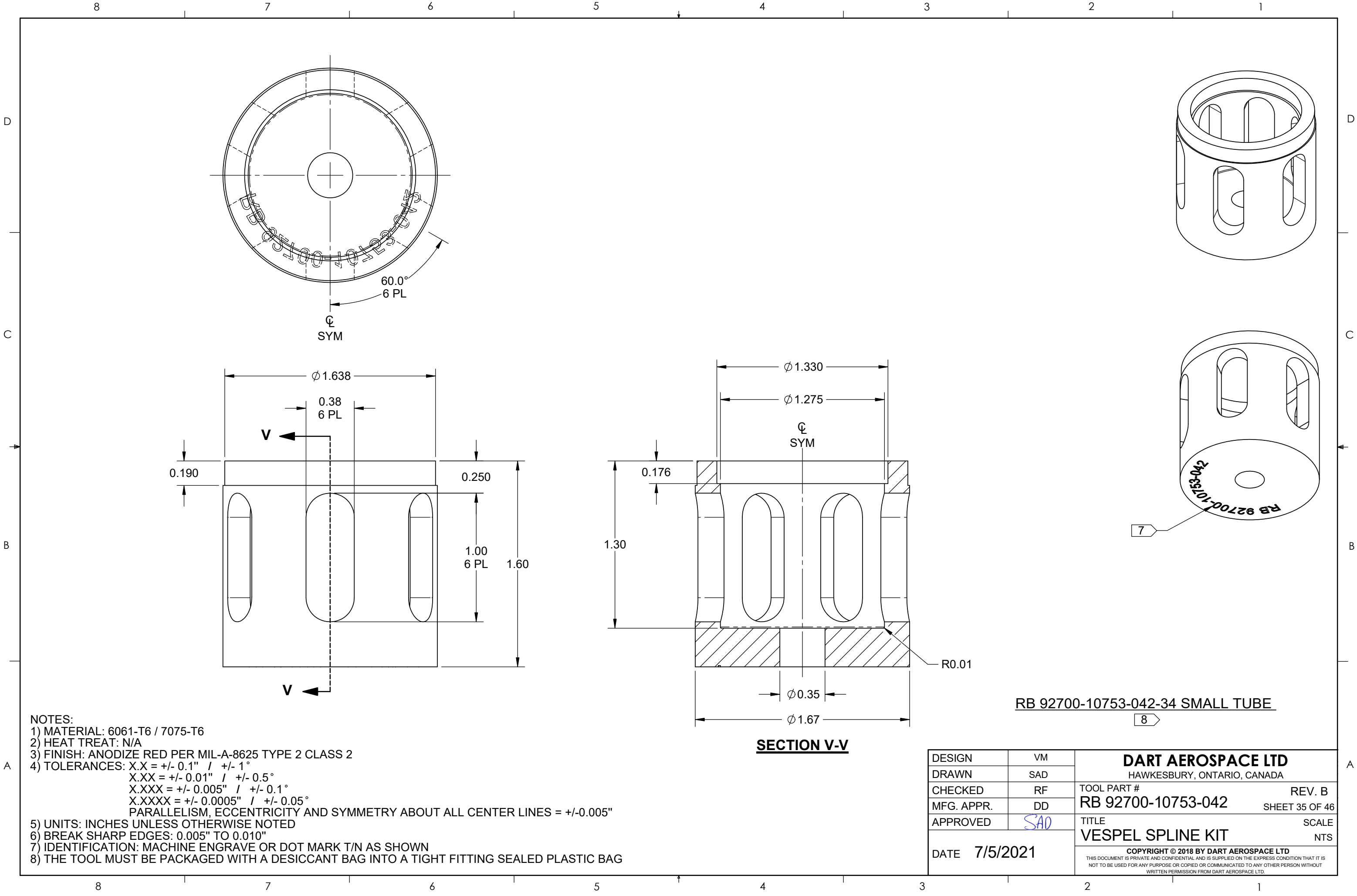


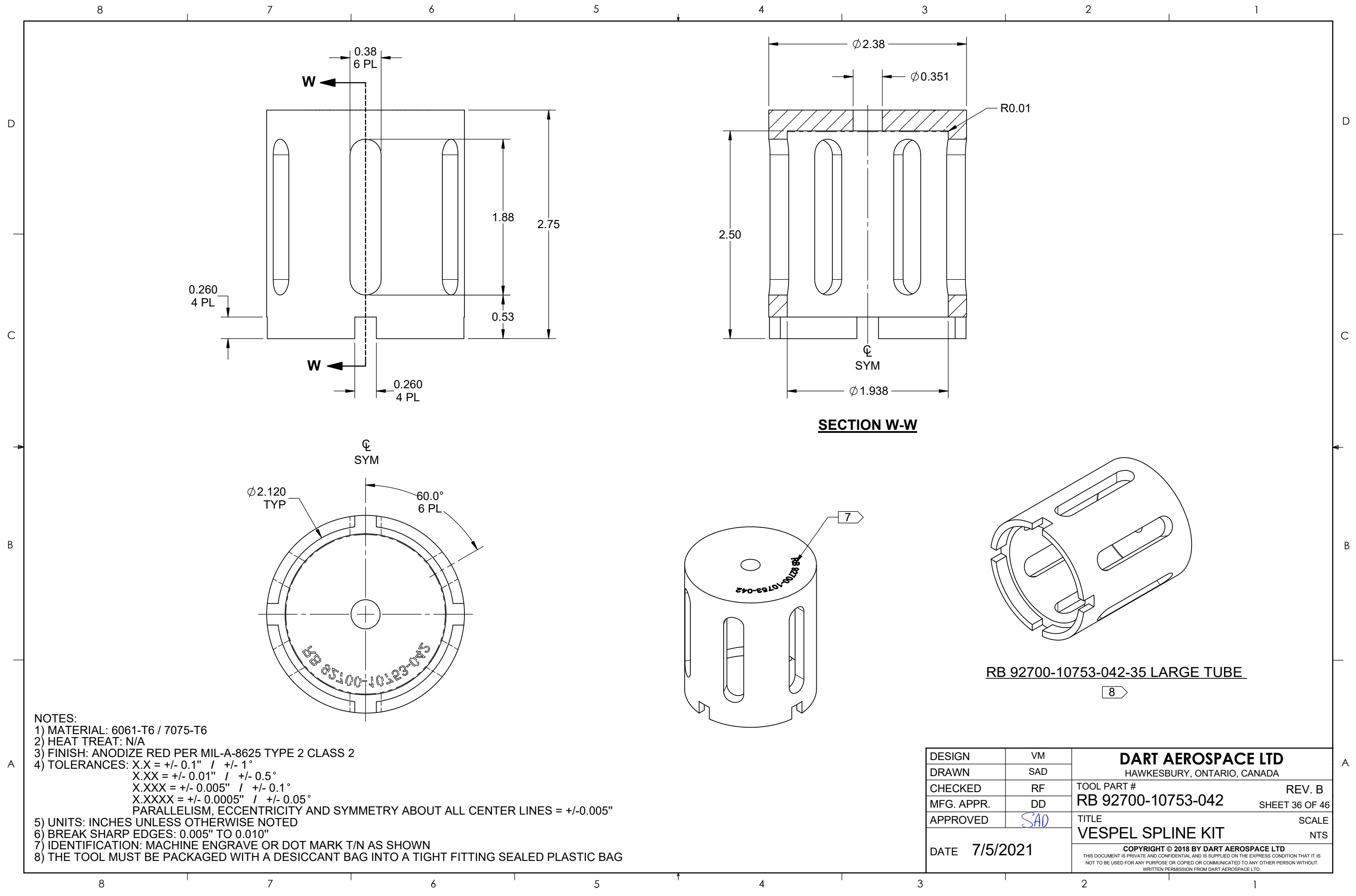




NOTES:  
1) MATERIAL: 4140/4142 (28-32 RC)  
2) HEAT TREAT: N/A  
3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 34 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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NOTES:  
1) MATERIAL: 6061-T6 / 7075-T6  
2) HEAT TREAT: N/A  
3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN  
8) THE TOOL MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 36 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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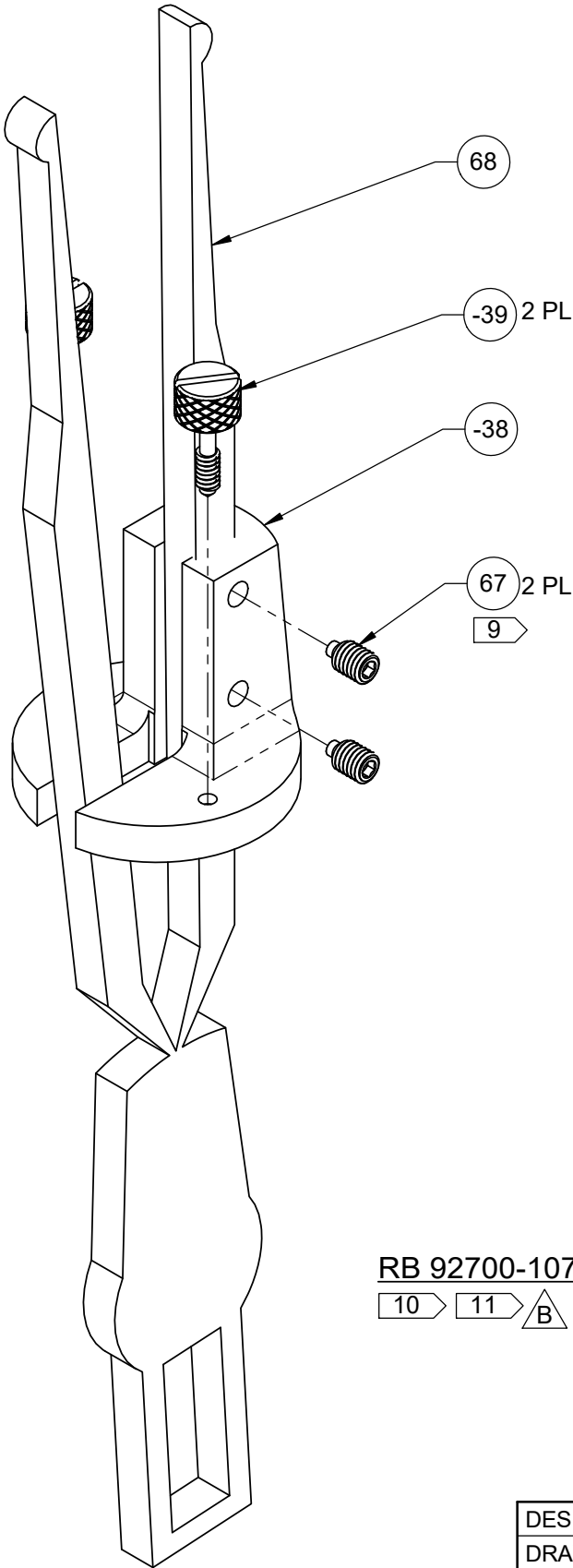
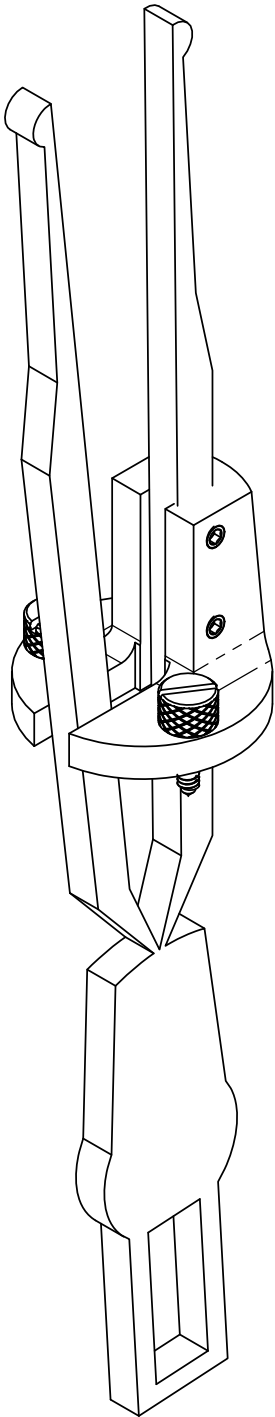
ITEM #	QTY	PART #	PART TITLE
-38	1	RB 92700-10753-042-37	BLOCK
-39	2	RB 92700-10753-042-38	THUMB SCREW MODIFIED
67	2	McMaster#90291A825 OR EQUIV	SS NYLON TIP SET SCREW #10-32 x 1/4" LG.
68	1	DYER#101-105-16525	CUSTOM MADE MICROMETER

D

C

B

A



D

C

B

A

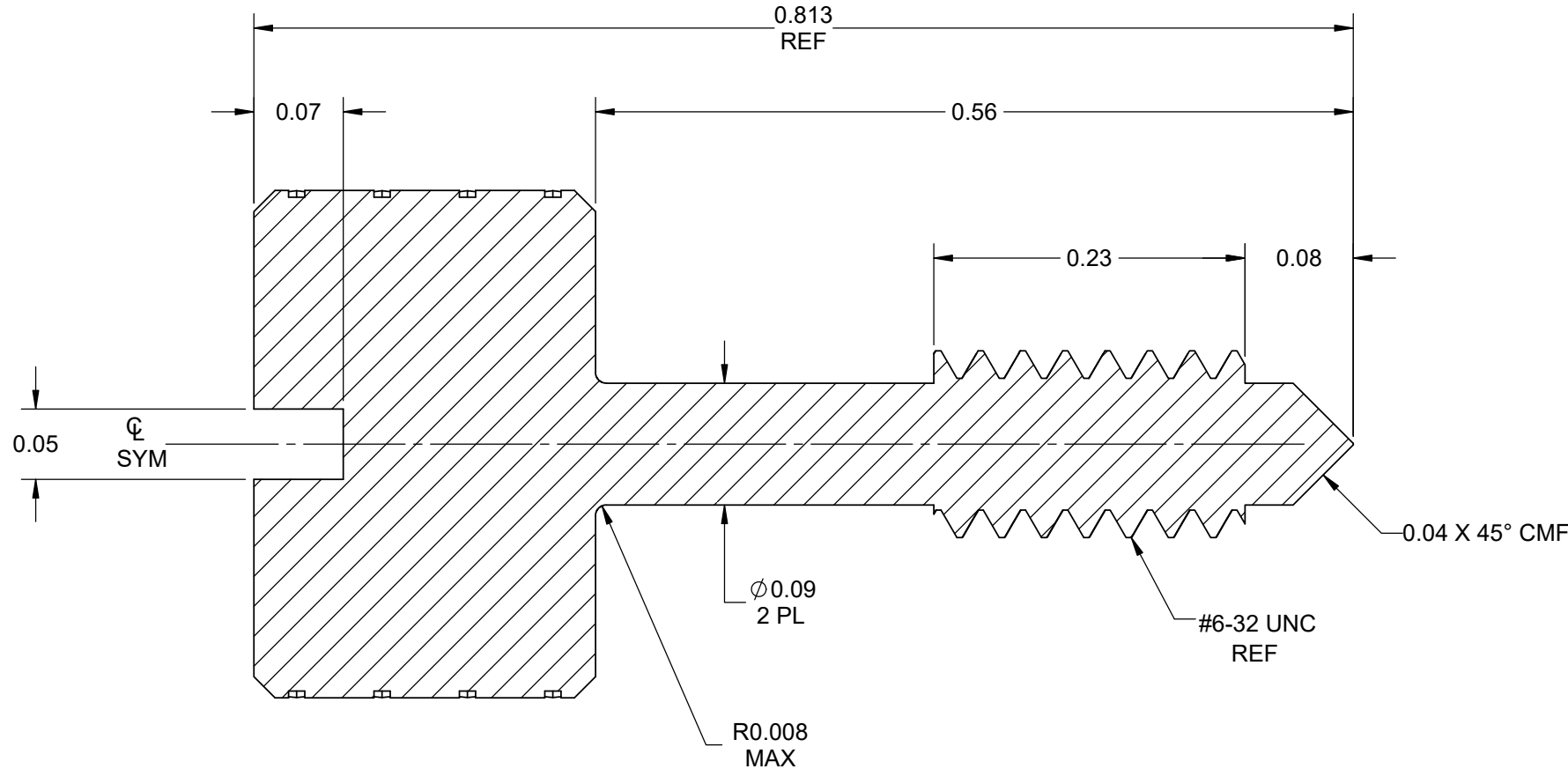
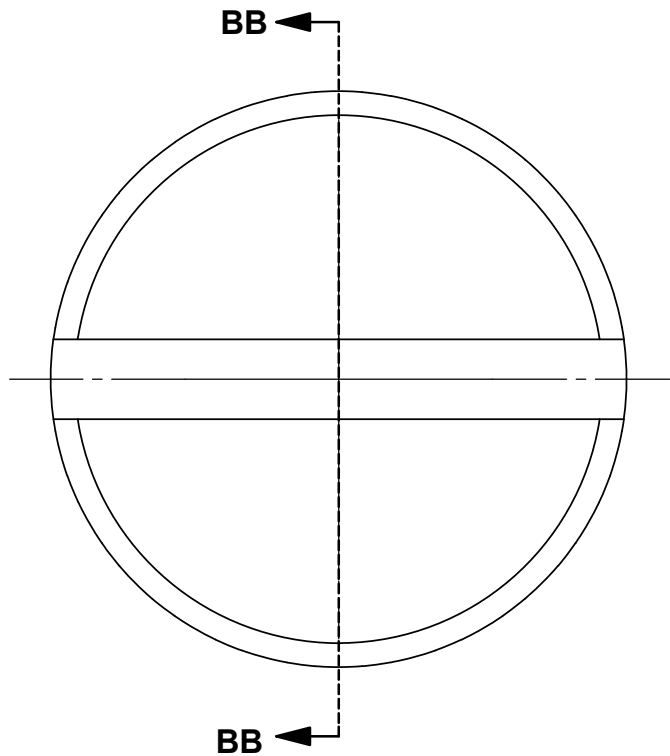
- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: N/A
  - 7) IDENTIFICATION: N/A
  - 8) ASSEMBLE AS SHOWN
  - 9) INSTALL ITEMS 67 HAND TIGHT
  - 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG
  - 11) ITEM ON DRAWING MAY NOT RESEMBLE PURCHASE PART

RB 92700-10753-042-36 GAGE ASSEMBLY

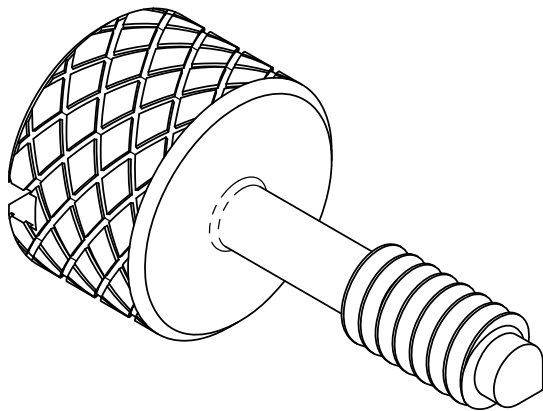
10 11 B

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 37 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VEPEL SPLINE KIT	NTS
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**SECTION BB-BB**



**RB 92700-10753-042-38 THUMB SCREW MODIFIED**

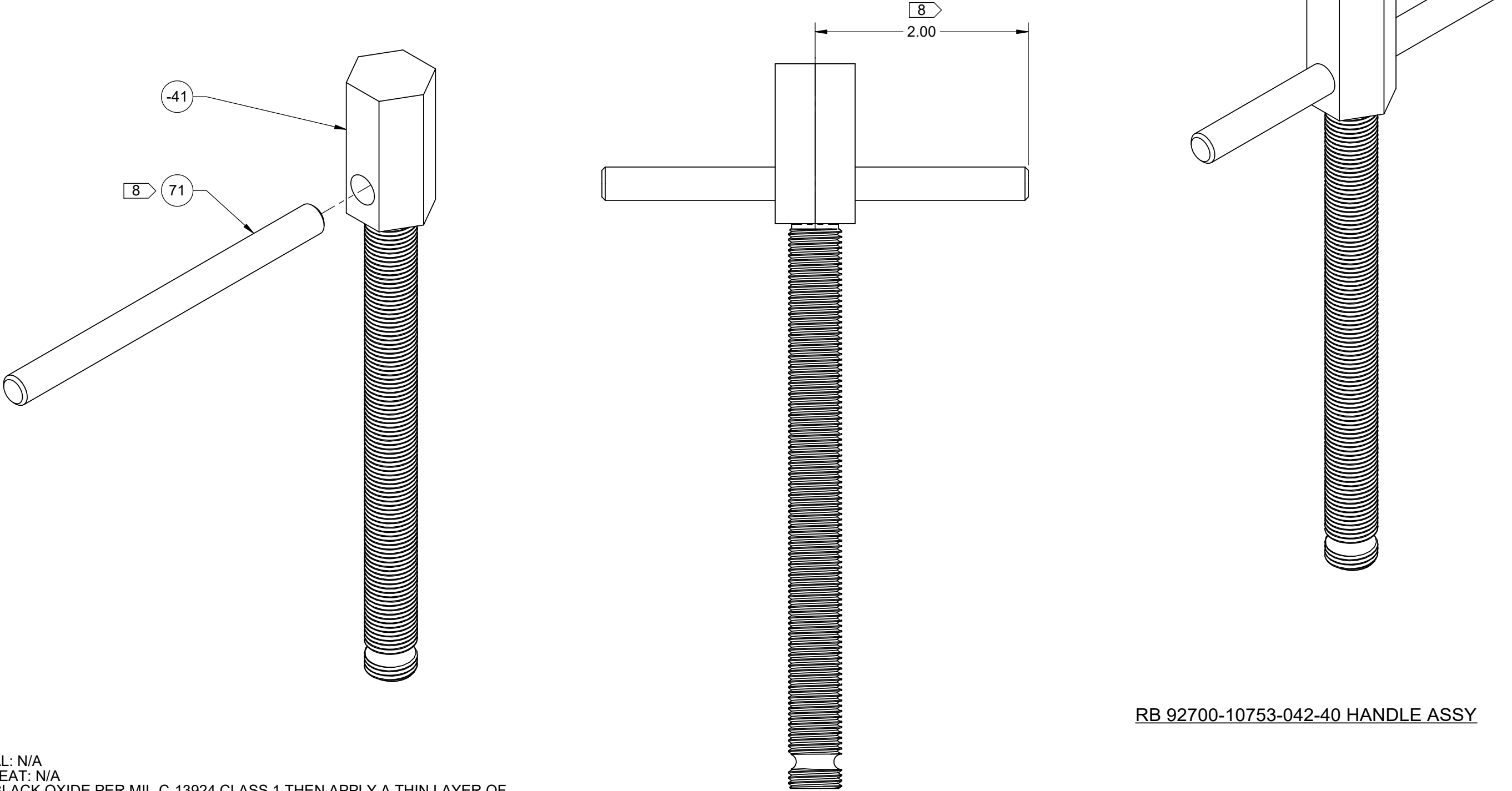
- NOTES:
- 1) MATERIAL: McMaster#93585A015 OR EQUIV
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
  - 7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 39 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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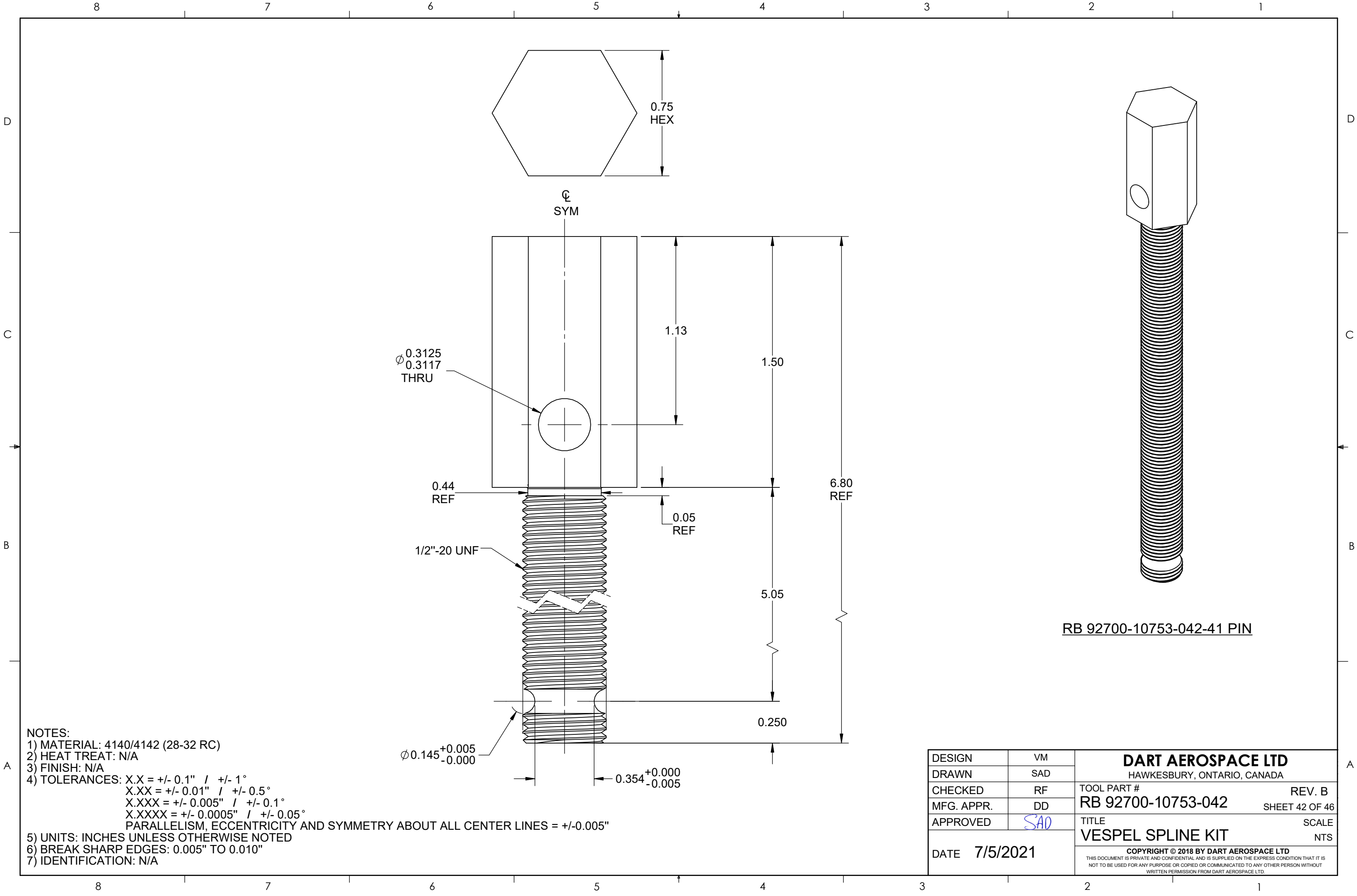
ITEM #	QTY	PART #	PART TITLE
-41	1	RB 92700-10753-042-41	PIN
71	1	McMaster#98381A599 OR EQUIV	STEEL DOWEL PIN 5/16" DIA. x 4" LG.



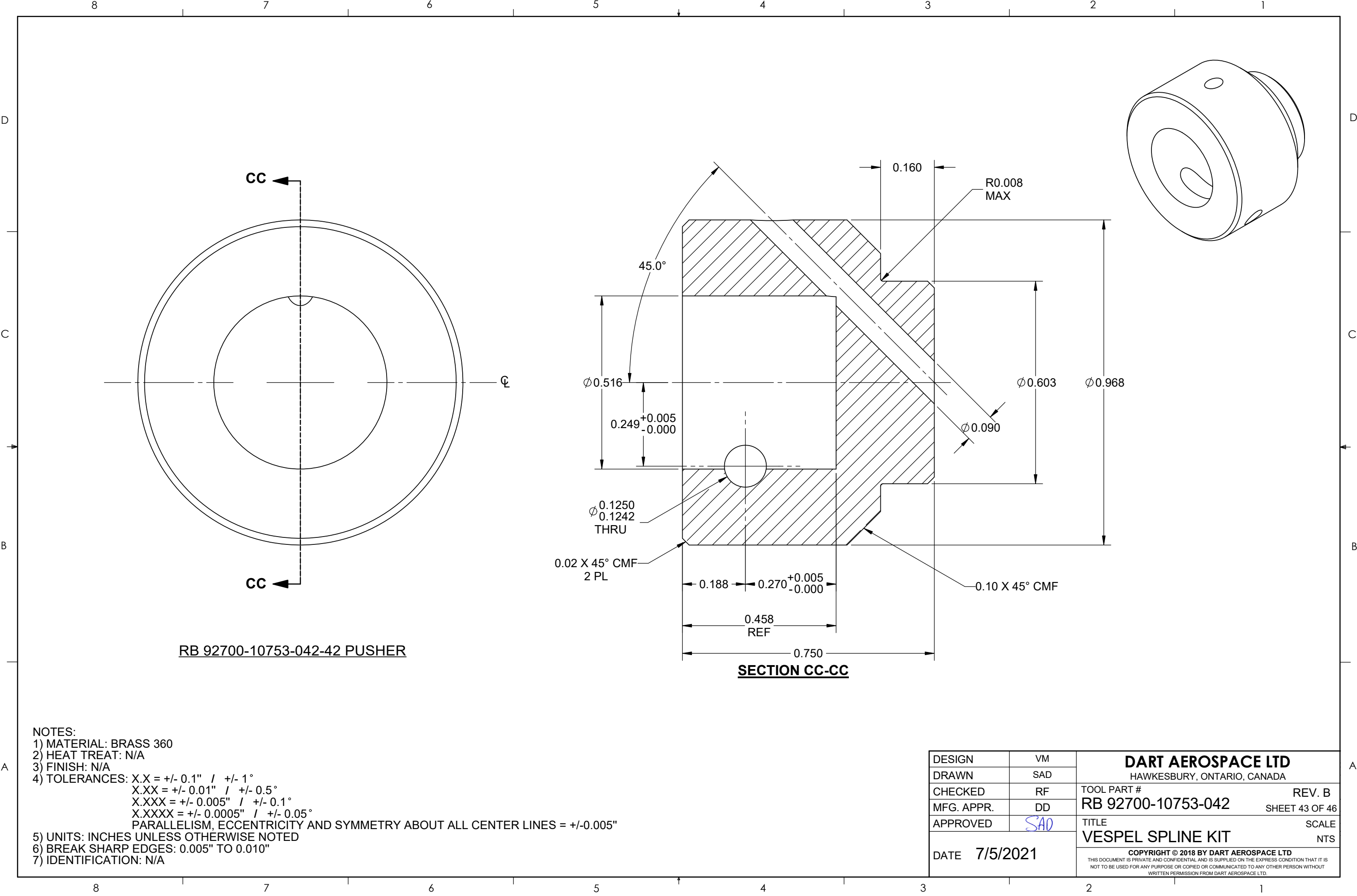
NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: N/A  
8) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM 71 CENTERED WITH ITEM -41 AS SHOWN AND REMOVE EXCESS

RB 92700-10753-042-40 HANDLE ASSY

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART # <b>RB 92700-10753-042</b>	REV. B
MFG. APPR.	DD		SHEET 41 OF 46
APPROVED	SAD	TITLE <b>VESPEL SPLINE KIT</b>	SCALE NTS
DATE <b>7/5/2021</b>		COPYRIGHT © 2018 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



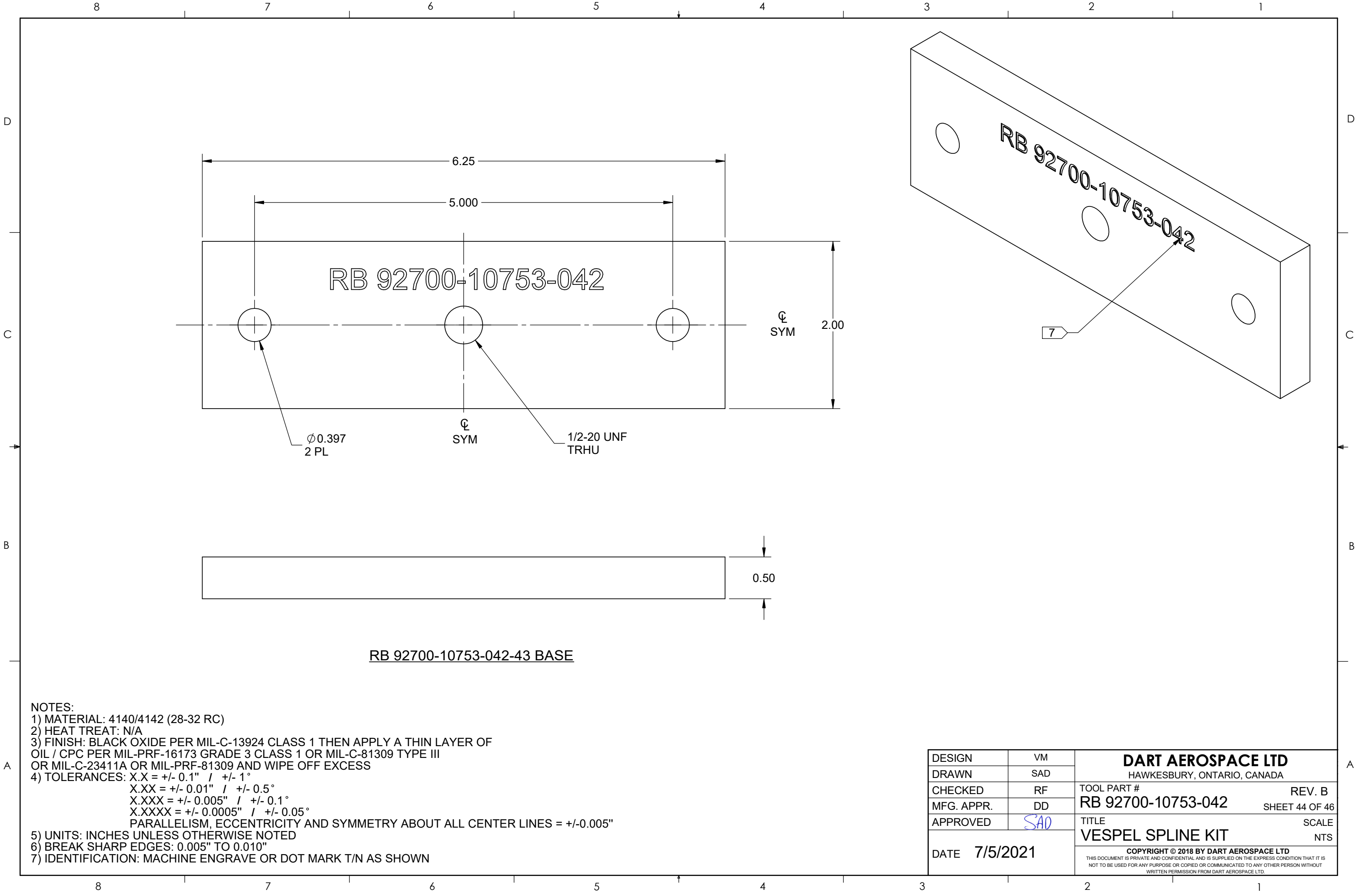
DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 42 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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RB 92700-10753-042-42 PUSHER

NOTES:  
1) MATERIAL: BRASS 360  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	<b>RB 92700-10753-042</b>	SHEET 43 OF 46
APPROVED	SAD	TITLE	SCALE
DATE <b>7/5/2021</b>		<b>VESPEL SPLINE KIT</b>	NTS
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NOTES:

1) MATERIAL: 4140/4142 (28-32 RC)

2) HEAT TREAT: N/A

3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS

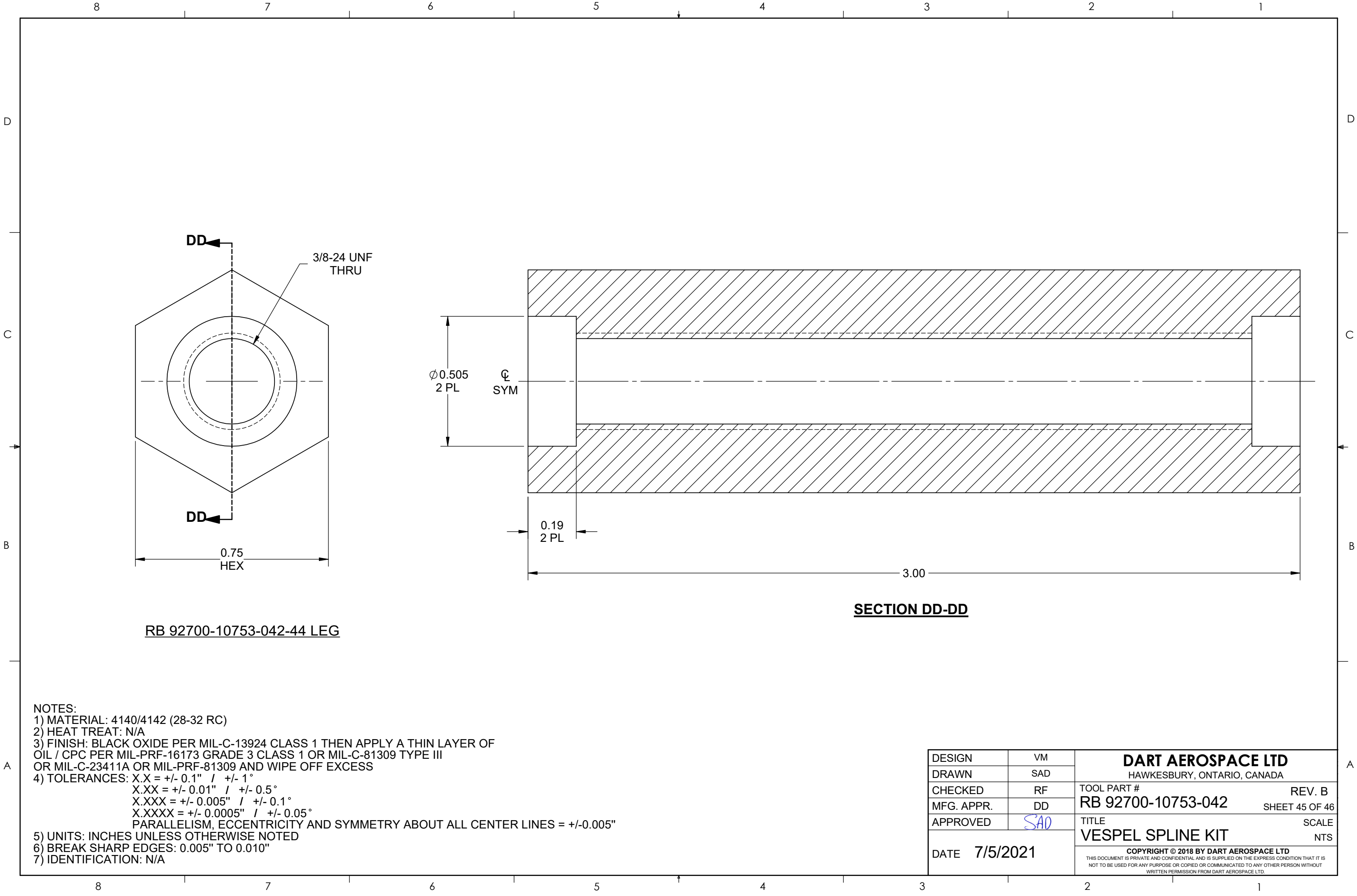
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

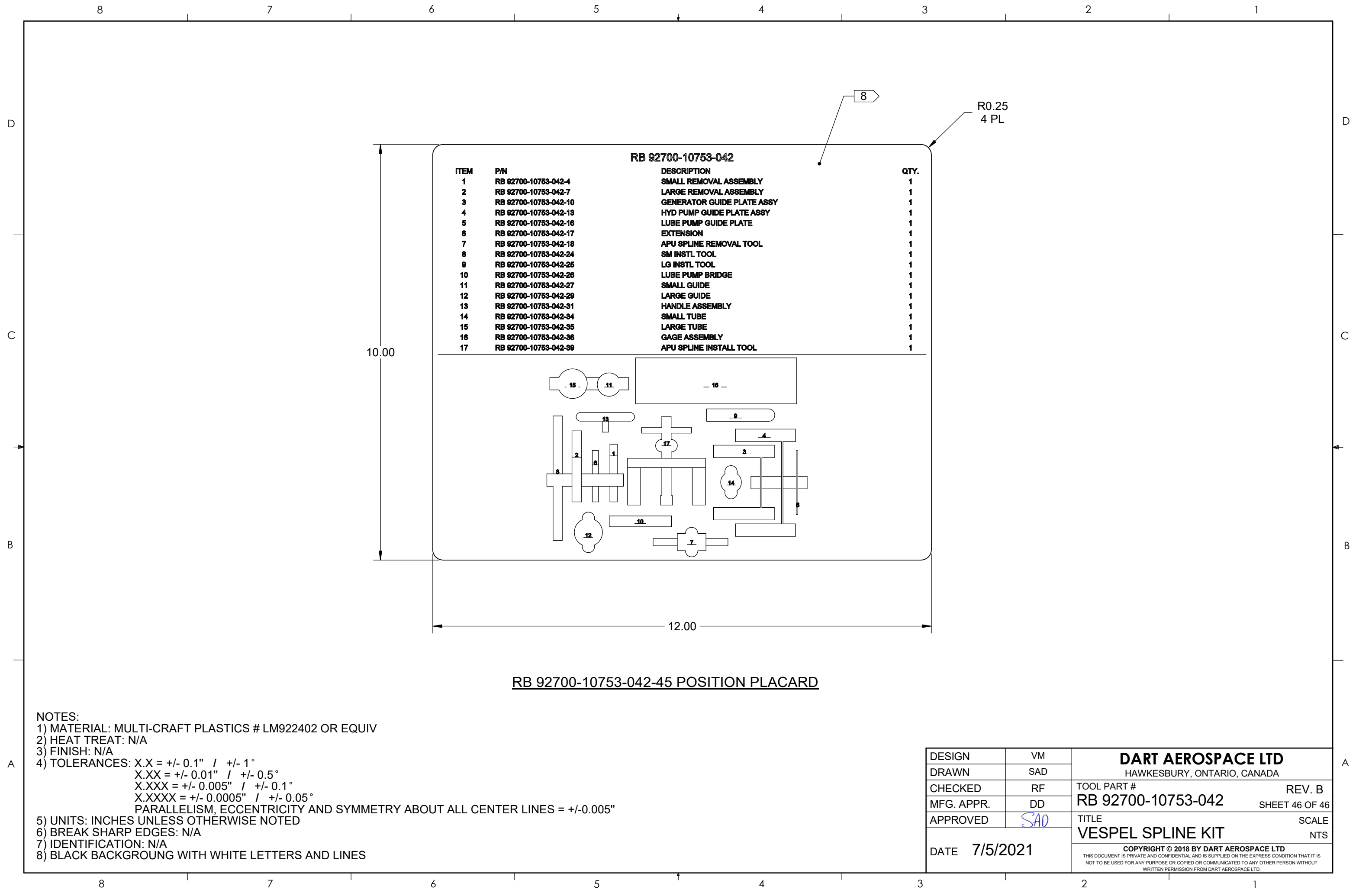
5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 44 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VEPEL SPLINE KIT	NTS
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NOTES:  
1) MATERIAL: MULTI-CRAFT PLASTICS # LM922402 OR EQUIV  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A  
8) BLACK BACKGROUNG WITH WHITE LETTERS AND LINES

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	TOOL PART #	REV. B
MFG. APPR.	DD	RB 92700-10753-042	SHEET 46 OF 46
APPROVED	SAD	TITLE	SCALE
DATE 7/5/2021		VESPEL SPLINE KIT	NTS
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